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The Patent Office Record

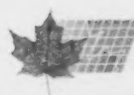
La Gazette du Bureau des brevets



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CIPO  OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

Table of Contents

Table des matières

Notices

Avis	1
------------	---

Canadian Patents Issued

Brevets canadiens délivrés	23
----------------------------------	----

Canadian Applications Open to Public Inspection

Demandes canadiennes mises à la disponibilité du public	101
---	-----

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale	120
---	-----

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	242
---	-----

Index of Canadian Patents Issued

Index des brevets canadiens délivrés	251
--	-----

Index of Canadian Applications Open to Public Inspection

Index des demandes canadiennes mises à la disponibilité du public	264
---	-----

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale	268
---	-----

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	291
---	-----

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,766,719
2,786,049
2,800,631
2,800,633
2,970,942

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signalé qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,766,719
2,786,049
2,800,631
2,800,633
2,970,942

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1708*
For each additional sheet over 30	\$19
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1^{er} octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1708 \$*
Pour chaque feuille au delà de 30	19 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Notices

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a))	\$257
6. Preliminary examination fee (Rule 58)	\$800

* International fees will be reduced by:

- \$257 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$385 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a))	257 \$
6. Taxe d'examen préliminaire (Règle 58)	800 \$

* Les frais seront réduits de:

- 257 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 385 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée

Notices

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Avis

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development
Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Innovation, Science and Economic Development
Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique
Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Innovation, Sciences et Développement économique
Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6

Notices

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des

Avis

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

Notices

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe or ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register](#)

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre](#)

Avis

- of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyées par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

Notices

- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

- communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPI et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

Avis

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

Notices

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Avis

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
- iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIP0 takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés.

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
- iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

Notices

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta:** Third Monday in February (Alberta Family Day)
2. **British Columbia:**
 - o First Monday in August (British Columbia Day)
 - o Second Monday in February (British Columbia Family Day)
3. **New Brunswick:** First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador:**
 - o March 17 (St. Patrick's Day)
 - o April 23 (St. George's Day)
 - o June 24 (Discovery Day)
 - o July 12 (Orangemen's Day)
 - o First Monday in August (Regatta Day)
5. **Nova Scotia:** First Monday in August (Civic Holiday)
6. **Ontario:**
 - o Third Monday in February (Ontario Family Day)
 - o First Monday in August (Civic Holiday)
7. **Prince Edward Island:** First Monday In August (Civic Holiday)
8. **Quebec:** June 24 (St. John the Baptist Day)
9. **Saskatchewan:** First Monday in August (Saskatchewan Day)
10. **Yukon:** Third Monday in August (Discovery Day)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta :** troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique :**
 - o premier lundi d'août (Fête de la Colombie-Britannique)
 - o deuxième lundi de février (Jour de Famille de la Colombe -Britannique)
3. **Nouveau-Brunswick :** premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador :**
 - o 17 mars (Fête de la Saint-Patrick)
 - o 23 avril (Fête de la Saint-Georges)
 - o 24 juin (Journée de la Découverte)
 - o 12 juillet (Jour des Orangistes)
 - o Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse :** premier lundi d'août (congé statutaire)
6. **Ontario :**
 - o troisième lundi de février (Jour de la Famille de l'Ontario)
 - o premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Édouard :** premier lundi d'août (congé civique)
8. **Québec :** 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan :** premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon :** troisième lundi d'août (Journée de la Découverte)

Jours de fermeture des bureaux de l'OPIIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIIC sont fermés au public les jours suivants :

Avis

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of \$125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Notices

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 \$ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 13, 2018 contains applications open to public inspection from January 28, 2018 to February 3, 2018.

15. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 13 février 2018 contient les demandes disponibles au public pour consultation pour la période du 28 janvier 2018 au 3 février 2018.

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[54] DIAGNOSTIC ASSAY AND METHOD OF TREATMENT INVOLVING MACROPHAGE INHIBITORY CYTOKINE -1 (MIC-1)

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[11] 2,460,650
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[54] METHOD FOR ASSESSING THE OPERATION OF A CONVEYING APPARATUS

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[72] MCISAAC, STEPHEN, CA

[72] GLOWE, RONALD WILLIAM, CA

[73] GLOWE CONSULTING SERVICES INC., CA

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[54] AGGREGATE RADIATED POWER CONTROL FOR MULTI-BAND/MULTI-MODE SATELLITE RADIOTELEPHONE COMMUNICATIONS SYSTEMS AND METHODS

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[72] WATTENGEL, WILLIAM CHRISTIAN, US

[72] BRADICA, GINO, US

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[13] C

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[54] SYSTEM AND METHOD OF PROVIDING COMMUNICATIONS FOR A MOBILE VEHICLE

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[72] COIL, JEFFREY, US

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[72] TRAINOR, JAMES, US

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[73] TRAPEZE SOFTWARE INC., CA

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[54] **DOMAINE DE LIAISON D'ATP SYNTHASE BACTERIENNE**

[72] ANDRIES, KOENRAAD JOZEF
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[72] GOEHLMANN, HINRICH WILHELM
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[54] **METHOD AND SYSTEM FOR MANAGING PATIENT DATA WITH ANALYTICAL INSTRUMENTS IN DIRECT COMMUNICATION WITH EACH OTHER**

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[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS RELATING TO INHIBITING FIBROUS ADHESIONS OR INFLAMMATORY DISEASE USING LOW SULPHATE FUCANS**

[54] **COMPOSITIONS PHARMACEUTIQUES ET METHODES RELATIVES A L'INHIBITION D'ADHERENCES FIBREUSES OU DE MALADIES INFLAMMATOIRES A L'AIDE DE FUCANES A BASSE TENEUR EN SULFATE**

[72] CASHMAN, JOHANNE, CA

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[72] WINTERNITZ, CHARLES, CA

[73] ARC PHARMACEUTICALS, INC.,
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[54] **LOW INTENSITY LIGHT THERAPY FOR TREATMENT OF RETINAL, MACULAR, AND VISUAL PATHWAY DISORDERS**

[54] **PHOTOTHERAPIE DE FAIBLE INTENSITE DE TRAITEMENT DE TROUBLES RETINIEN, MACULAIRE ET DES VOIES OPTIQUES**

[72] MCDANIEL, DAVID H., US

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[54] **COMPOSITIONS AND METHODS COMPRISING THE USE OF CELL SURFACE DISPLAYED HOMING ENDONUCLEASES**

[54] **COMPOSITIONS ET PROCEDES COMPRENANT L'UTILISATION D'ENDONUCLEASES CIBLEES AFFICHEES EN SURFACE CELLULAIRE**

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[54] **REINFORCED COMPOSITE CONTAINER FLOORING WITH RESIN-IMPREGNATED VENEERS AND METHOD OF MANUFACTURE**

[54] **PLANCHER DE CONTENEUR EN MATERIAU COMPOSITE RENFORCE AVEC PLACAGES IMPREGNES DE RESINE, ET PROCEDE DE FABRICATION**

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[72] WELLWOOD, ROBERT, CA

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[54] **TENSIOACTIF PULMONAIRE SYNTHETIQUE ET UTILISATION ASSOCIEE**
[72] NOTTER, ROBERT H., US
[72] WANG, ZHENG DONG, US
[72] SCHIWAN, ADRIAN L., CA
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[54] **APPARATUS AND METHOD FOR UPDATING A REPORT THROUGH VIEW TIME INTERACTION**
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[54] **ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS, DEVELOPING APPARATUS, AND COUPLING MEMBER**
[54] **APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE, APPAREIL DE DEVELOPPEMENT ET ELEMENT D'ACCOUPLEMENT**
[72] MORIOKA, MASANARI, JP
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- [54] **MODIFICATIONS OF PEPTIDE COMPOSITIONS TO INCREASE STABILITY AND DELIVERY EFFICIENCY**
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[54] **DISPOSITIF DE RETENUE DE SUTURE SANS NOEUD**
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **THERMALLY INHIBITED POLYSACCHARIDES AND PROCESS OF PREPARING**
[54] **POLYSACCHARIDES THERMIQUEMENT INHIBES ET METHODE DE PREPARATION CONNEXE**
[72] WEISSER, ERIC, US
[72] SHAH, TUSHAR, US
[73] CORN PRODUCTS DEVELOPMENT, INC., US
[86] (2700103)
[87] (2700103)
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[54] **RECEPTACLES**
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[72] NELSON, WAYNE, GB
[73] VERNACARE LIMITED, GB
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[54] **HEART BAND WITH FILLABLE CHAMBERS TO MODIFY HEART VALVE FUNCTION**
[54] **BANDE CARDIAQUE A COMPARTIMENTS POUVANT ETRE REMPLIS POUR MODIFIER UNE FONCTION DE VALVULE CARDIAQUE**
[72] LEINSING, KARL R., US
[72] RAMAN, JAISHANKAR, US
[73] MARDIL, INC., US
[85] 2010-03-31
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[54] **METHOD FOR POWERING AND TERMINATING OPERATION OF VEHICLE ACCESSORIES WITH THE ENGINE OFF**
[54] **METHODE DE MISE EN MARCHE ET D'ARRET DE FONCTIONNEMENT D'ACCESSOIRES DE VEHICULE LORSQUE LE MOTEUR EST ARRETE**
[72] PERHATS, FRANK J., SR., US
[73] PERHATS, FRANK J., SR., US
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[87] (2702656)
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[54] **INTRAOCULAR PRESSURE MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE LA TENSION INTRAOCULAIRE**
[72] WISMER, JEAN-MARC, CH
[73] SENSIMED AG, CH
[85] 2010-04-15
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[54] **SURGICAL INSTRUMENT AND METHOD FOR PERFORMING A RESECTION**
[54] **INSTRUMENT CHIRURGICAL ET METHODE POUR REALISER UNE RESECTION**
[72] KOSTRZEWSKI, STANISLAW, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2703412)
[87] (2703412)
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[54] **PRODUCTION DE THERMOLYSINE ET DE SES VARIANTS ET UTILISATION DANS DES DETERGENTS LIQUIDES**
[72] ESTELL, DAVID A., US
[72] HOMMES, RONALDUS W. J., US
[72] LIU, AMY D., US
[72] SHAW, ANDREW, US
[73] DANISCO US INC., US
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- [72] LEE, BYUNGWOO, US
- [72] WU, YANYAN, US
- [72] KRAY, NICHOLAS JOSEPH, US
- [73] GENERAL ELECTRIC COMPANY, US
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- [87] (2704719)
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- [54] **SYSTEME DE CONTROLE DE LA REPONSE A LA TEMPERATURE D'UN PATIENT ET PROCEDE**
- [72] VOORHEES, MARC, US
- [72] CARSON, GARY A., US
- [72] GRUSZECKI, GARY, US
- [73] MEDIVANCE INCORPORATED, US
- [85] 2010-05-12
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- [54] **SYSTEM AND METHOD FOR THERMALLY CONTROLLING AN ELECTRONIC DISPLAY**
- [54] **SYSTEME ET PROCEDE POUR REGULER THERMIQUEMENT UN AFFICHAGE ELECTRONIQUE**
- [72] DUNN, WILLIAM R., US
- [73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
- [85] 2010-05-14
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- [54] **PROCEDES DE PREPARATION D'ACIDES AM ET LEURS DERIVES ET UTILISATIONS**
- [72] VINDSTAD, JENS EMIL, NO
- [72] MEDIAAS, HEIDI, NO
- [72] GRANDE, KNUV VEBJORN, NO
- [73] STATOIL PETROLEUM AS, NO
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- [54] **FORMES SOLIDES D'ACIDE 3-(6-(1-(2,2-DIFLUOROBENZO[D][1,3]DIOXOL-5-YL)CYCLOPROPANECARBOXAMIDO)-3-METHYLPYRIDIN-2-YL)BENZOIQUE**
- [72] KESHAVARZ-SHOKRI, ALI, US
- [72] ZHANG, BEILI, US
- [72] KRAWIEC, MARIUSZ, US
- [73] VERTEX PHARMACEUTICALS INCORPORATED, US
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- [54] **SURGICAL INSTRUMENT WITH DOUBLE CARTRIDGE AND ANVIL ASSEMBLIES**
- [54] **INSTRUMENT CHIRURGICAL DOTE D'UNE CARTOUCHE DOUBLE ET D'UNE ENCLUME**
- [72] KOSTRZEWSKI, STANISLAW, US
- [73] TYCO HEALTHCARE GROUP LP, US
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- [54] **DISPOSITIF ET METHODE DE SECURITE POUR UNE POMPE ET LE MOTEUR CONNEXE**
- [72] KIDD, MELISSA DRECHSEL, US
- [72] GENAW, WILLIAM JAMES, US
- [72] PASCHIE, MICHAEL ROBERT, US
- [72] BAASE, GARY THOMAS, II, US
- [72] BERTHELSEN, LARS HOFFMANN, DK
- [72] FINK, RASMUS, DK
- [72] HOLM, MARTIN SKOV, DK
- [73] STA-RITE INDUSTRIES, LLC, US
- [73] DANFOSS LOW POWER DRIVES, A DIVISION OF DANFOSS DRIVES A/S, DK
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- [54] **ASSEMBLAGE DE DISTRIBUTION D'ENERGIE A CIRCUITS MULTIPLES**
- [72] BYRNE, NORMAN R., US
- [73] BYRNE, NORMAN R., US
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- [54] **MEMBRANE DE SUPPORT POUR PLANCHERS, PLAFONDS ET MURS RESIDENTIELS**
- [72] ROY, SYLVAIN, CA
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- [54] **SYSTEME DE COMPARAISON DE DONNEES**
- [72] PONG, GEOFFREY, MY
- [72] HUI, ANITA, CA
- [73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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- [54] **MIXTURE OF CITRIC FLAVONOIDS TO IMPROVE RUMINAL FERMENTATION**
- [54] **MELANGE DE FLAVONOIDES CITRIQUES POUR AMELIORER LA FERMENTATION RUMINALE**
- [72] DEL MAR SERRA, MARIA, ES
- [72] HEREDIA, FERNANDO, ES
- [72] CRESPO, FRANCISCO JAVIER, ES
- [72] BALCELLS, JOAQUIM, ES
- [73] EXQUIM S.A., ES
- [85] 2010-06-23
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- [54] **WIND TURBINE GENERATOR FAULT DIAGNOSTIC AND PROGNOSTIC DEVICE AND METHOD**
- [54] **DISPOSITIF DE DIAGNOSTIC ET DE PRONOSTIC DE DEFAUT D'AEROGENERATEUR, ET METHODE**
- [72] BHARADWAJ, RAJ MOHAN, US
- [72] KIM, KYUSUNG, US
- [73] HONEYWELL INTERNATIONAL, INC., US
- [86] (2712158)
- [87] (2712158)
- [22] 2010-07-23
- [30] US (61/228,320) 2009-07-24
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- [54] **APPAREIL DESTINE AU DIAGNOSTIC D'UN SYSTEME**
- [72] GAUDAN, STEPHANIE, FR
- [72] FOURNIER, FRANCOIS, FR
- [72] SANNINO, CHRISTIAN, FR
- [72] ROBERT, LAURENT, FR
- [73] THALES, FR
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[54] **EQUILIBRAGE DE TURBINE A GAZ**

[72] LECUYER, DANIEL, CA

[72] DI PAOLA, FRANCO, CA

[72] CHATELOIS, BRUNO, CA

[73] PRATT & WHITNEY CANADA CORP., CA

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[54] **DISPOSITIF DE CHAUFFAGE MOLECULAIRE ET PROCEDE DE CHAUFFAGE DE FLUIDES**

[72] CAMPBELL, MARK E., US

[73] CAMPBELL, MARK E., US

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[72] LOMBARDI, KETH M., US

[73] THE STANLEY WORKS, US

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[54] **BLADE CONSTRUCTS AND METHODS OF FORMING BLADE CONSTRUCTS**

[54] **ASSEMBLAGES DE LAMES ET PROCEDES DE FORMAGE D'ASSEMBLAGES DE LAMES**

[72] GANS, ADAM, CA

[73] BAUER HOCKEY LTD., CA

[86] (2718456)

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[54] **RAILROAD AND INDUSTRIAL VEHICLE DISK BRAKE PAD**

[54] **GARNITURE DE FREIN A DISQUE POUR VEHICULE FERROVIAIRE OU INDUSTRIEL**

[72] DE SOCCIO, VITTORIO, IT

[73] COFREN S.R.L., IT

[86] (2720362)

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[54] **GAS COMPRESSION SYSTEM**

[54] **SYSTEME DE COMPRESSION DE GAZ**

[72] BJORGE, TOR, NO

[72] BRENNER, LARS, NO

[72] UNDERBAKKE, HARALD, NO

[72] EGERDAHL, BJORN-ANDRE, NO

[72] RAMBERG, RUNE MODE, NO

[72] BAKKE, WILLIAM, NO

[73] STATOIL PETROLEUM AS, NO

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[86] 2009-04-02 (PCT/NO2009/000126)

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[25] EN

[54] **PROCESS FOR EXTRACTING OIL FROM AN OIL/WATER/SOLIDS MIXTURE, CORRESPONDING APPARATUS AND USE OF THE PROCESS**

[54] **PROCEDE D'EXTRACTION DU PETROLE D'UN MELANGE D'HUILE-D'EAU-DE SOLIDES, INSTALLATION CORRESPONDANTE ET APPLICATION DU PROCEDE**

[72] ARLT, WOLFGANG, DE

[72] DRESCHER, MARTIN, DE

[72] FREITAG, DETLEF, DE

[72] MOST, DIETER, DE

[72] WACKER, BERND, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

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[30] DE (10 2009 054 280.9) 2009-11-23

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/30 (2014.01) A63F 13/533 (2014.01)**

[25] EN

[54] **METHODS AND DEVICES FOR INCREMENTAL WAGERING TO EARN MULTIPLE PRIZES PER WINNING WAGER**

[54] **METHODES ET DISPOSITIFS POUR FAIRE DES PARIS MULTIPLES VISANT A GAGNER PLUSIEURS PRIX PAR MISE GAGNANTE**

[72] SCHOLTZ, ANTOINE JOUBERT, ZA

[73] WATERLEAF LIMITED, GB

[86] (2721895)

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[54] **UTILISATION DE SFRP-3 DANS L'EVALUATION D'UNE INSUFFISANCE CARDIAQUE**
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] BLOCK, DIRK, DE
[72] HESS, GEORG, DE
[72] HUEDIG, HENDRIK, DE
[72] ARAB, SARA, CA
[72] EMILL, ANDREW, CA
[72] GRAMOLINI, ANTHONY, CA
[72] LIU, PETER, CA
[72] MACLENNAN, DAVID, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **METHOD AND ARRANGEMENT FOR CALCULATING A CONFORMITY BETWEEN A REPRESENTATION OF AN ENVIRONMENT AND SAID ENVIRONMENT**
[54] **METHODE ET AGENCEMENT POUR CALCULER UNE CONFORMITE ENTRE LA REPRESENTATION D'UN ENVIRONNEMENT ET LEDIT ENVIRONNEMENT**
[72] LARSSON, JOHAN, SE
[72] KRASSER, MICHAEL, SE
[73] ATLAS COPCO ROCK DRILLS AB, SE
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[54] **SYSTEME D'AFFICHAGE DE NUMERO D'EXPOSANT EQUESTRE**
[72] BRUNER, ERWIN, US
[73] BRUNER, ERWIN, US
[86] (2723533)
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[30] US (12/614,133) 2009-11-06

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[25] EN
[54] **INFUSION SYSTEMS INCLUDING COMPUTER-FACILITATED MAINTENANCE AND/OR OPERATION AND METHODS OF USE**
[54] **SYSTEMES DE PERFUSION INCLUANT UNE MAINTENANCE ET/OU UNE EXPLOITATION ASSISTEE PAR ORDINATEUR, ET PROCEDES D'UTILISATION**
[72] ZODDA, JULIUS P., US
[72] HUNTER, KATHRYN M., US
[72] SWENSON, ROLF E., US
[72] FONTAINE, AARON M., US
[72] HIDEH, STEPHEN E., US
[72] McDONALD, PATRICK M., US
[72] GELBACH, JANET L., US
[73] BRACCO DIAGNOSTICS INC., US
[85] 2010-11-16
[86] 2009-06-11 (PCT/US2009/047031)
[87] (WO2009/152323)
[30] US (12/137,364) 2008-06-11
[30] US (12/137,377) 2008-06-11
[30] US (12/137,363) 2008-06-11
[30] US (12/137,356) 2008-06-11

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[54] **APPARATUS AND ASSEMBLY FOR A SPARK IGNITER**
[54] **APPAREIL ET ASSEMBLAGE POUR UN ALLUMEUR A ETINCELLE**
[72] MEE, BRENDON FRANCIS, US
[72] BOLD, RANDAL PARKER, US
[73] UNISON INDUSTRIES, LLC, US
[86] (2726156)
[87] (2726156)
[22] 2010-12-22
[30] US (12/646,516) 2009-12-23

[11] **2,726,379**
[13] C

- [51] **Int.Cl. H01R 11/00 (2006.01) G01R 31/04 (2006.01) H02H 9/04 (2006.01)**
[25] EN
[54] **UNIVERSAL FRONT/BACK POST TERMINAL BLOCK AND TEST LINK**
[54] **BORNIER UNIVERSEL DE TERMINAL AVANT OU ARRIERE ET LIEN D'ESSAI**
[72] WING, BARDEN J., US
[72] LONG, ZHENZHONG, US
[72] MALHOTRA, RAKESH, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2726379)
[87] (2726379)
[22] 2010-12-23
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[11] 2,726,381
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[25] EN

[54] **SUPPORT ASSEMBLY FOR A DRIVE MECHANISM FOR THE INSTALLATION OF GEOTHERMAL CONDUITS ADJACENT A FOUNDATION WALL INSIDE OR OUTSIDE A BUILDING STRUCTURE**

[54] **SUPPORT DE MECANISME D'ENTRAINEMENT POUR L'INSTALLATION DE CONDUITES GEOTHERMIQUES ADJACENTES A UN MUR DE FONDATION A L'INTERIEUR OU A L'EXTERIEUR D'UNE STRUCTURE D'IMMEUBLE**

[72] DESMEULES, ALAIN, CA

[73] DESANTIS, BROOKE ERIN, CA

[86] (2726381)

[87] (2726381)

[22] 2010-12-23

[11] 2,726,556
[13] C

[51] Int.Cl. A01H 1/04 (2006.01)

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[54] **GENETIC LOCI ASSOCIATED WITH MECHANICAL STALK STRENGTH IN MAIZE**

[54] **LOCUS GENETIQUES ASSOCIES A LA RESISTANCE MECANIQUE DES PEDONCULES CHEZ LE MAIS**

[72] CHING, ADA S., US

[72] RAFALSKI, J. ANTONI, US

[72] LUCK, STANLEY, US

[72] BUTRUILLE, MARYMAR GONCALVES, US

[73] E. I. DU PONT DE NEMOURS AND COMPANY, US

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[11] 2,726,575
[13] C

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[25] EN

[54] **AIRCRAFT FUSELAGE FRAME OF COMPOSITE MATERIAL WITH STABILISING RIBS**

[54] **STRUCTURE DE FUSELAGE D'AERONEF EN MATERIAU COMPOSITE A NERVURES DE STABILISATION**

[72] AREVALO RODRIGUEZ, ELENA, ES

[72] CRUZ DOMINIGUEZ, FRANCISCO JOSE, ES

[73] AIRBUS OPERATIONS S.L., ES

[86] (2726575)

[87] (2726575)

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[30] ES (200931308) 2009-12-30

[11] 2,726,904
[13] C

[51] Int.Cl. B01J 23/28 (2006.01) B01J 23/883 (2006.01) B01J 29/70 (2006.01) C10G 45/04 (2006.01)

[25] EN

[54] **CATALYTIC SYSTEM AND PROCESS FOR THE HYDROCONVERSION OF HEAVY OIL PRODUCTS**

[54] **SYSTEME CATALYTIQUE ET PROCEDE D'HYDROCONVERSION DE PRODUITS DE TYPE PETROLE LOURD**

[72] BELLUSSI, GIUSEPPE, IT

[72] RISPOLI, GIACOMO, IT

[72] CARATI, ANGELA, IT

[73] ENI S.P.A., IT

[85] 2010-12-03

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[13] C

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[25] FR

[54] **METHOD FOR PROTECTING A RADIO NAVIGATION RECEIVER USER AGAINST ABERRANT PSEUDO-RANGE MEASUREMENTS**

[54] **PROCEDE DE PROTECTION D'UN UTILISATEUR DE RECEPTEUR DE RADIONAVIGATION VIS-A-VIS DE MESURES DE PSEUDO-DISTANCES ABERRANTES**

[72] VAN DEN BOSSCHE, MATTHIAS, FR

[72] KAROUBY, PHILIPPE, FR

[72] MACABIAU, CHRISTOPHE, FR

[72] PAIMBLANC, PHILIPPE, FR

[73] THALES, FR

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[86] 2009-06-05 (PCT/EP2009/056963)

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[11] 2,727,627
[13] C

[51] Int.Cl. A61K 31/506 (2006.01) A61K 31/496 (2006.01) A61P 41/00 (2006.01) C07K 14/705 (2006.01)

[25] EN

[54] **USE OF HISTAMINE H4 ANTAGONIST FOR THE TREATMENT OF POST-OPERATIVE ADHESIONS**

[54] **UTILISATION DE L'ANTAGONISTE DE L'HISTAMINE H4 DANS LE TRAITEMENT D'ADHESIONS POST-OPERATOIRES**

[72] THURMOND, ROBIN L., US

[72] WADSWORTH, SCOTT A., US

[73] JANSSEN PHARMACEUTICA NV, BE

[85] 2010-12-10

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[13] C

[51] **Int.Cl. C40B 30/06 (2006.01) C12N 5/078 (2010.01) C12Q 1/00 (2006.01) C12Q 1/02 (2006.01) C12Q 1/70 (2006.01) C40B 40/02 (2006.01) C40B 50/06 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **ANTIGEN SCREENING SYSTEM**

[54] **SYSTEME DE CRIBLAGE D'ANTIGENES**

[72] FLETCHNER, JESSICA, US

[72] GIERAHN, TODD, US

[73] GENOCEA BIOSCIENCES, INC., US

[85] 2010-12-21

[86] 2009-07-01 (PCT/US2009/049406)

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[30] US (61/077,323) 2008-07-01

[11] 2,728,949
[13] C

[51] **Int.Cl. C07D 409/12 (2006.01) A61K 31/4196 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **THIOPHENE CONTAINING ANALOGUES OF FLUCONAZOLE AS ANTIFUNGAL AGENTS AND PROCESS THEREOF**

[54] **ANALOGUES DE FLUCONAZOLE CONTENANT DU THIOPHENE UTILISES EN TANT QU'AGENTS ET PROCEDE D'UTILISATION ASSOCIE**

[72] BORATE, HANUMANT BAPURAO, IN

[72] SAWARGAVE, SANGMESHWER PRABHAKAR, IN

[72] MAUJAN, SULEMAN RIYAJSAHEB, IN

[72] CHANDAVARKAR, MOHAN ANAND, IN

[72] VAIUDE, SHARANGI RAVINDA, IN

[72] JOSHI, VINAY ANANT, IN

[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN

[73] FDC LIMITED, IN

[85] 2010-12-22

[86] 2009-10-01 (PCT/IN2009/000543)

[87] (WO2010/046912)

[30] IN (2132/MUM/2008) 2008-10-03

[11] 2,729,098
[13] C

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[25] EN

[54] **ANTAGONISTS OF ACTIVIN-ACTRIIA AND USES FOR INCREASING RED BLOOD CELL LEVELS**

[54] **ANTAGONISTES D'ACTIVINE-ACTRIIA ET UTILISATIONS POUR AUGMENTER LES TAUX D'ERYTHROCYTES**

[72] SHERMAN, MATTHEW L., US

[72] SEETHA, JASBIR, US

[72] BORGSTEIN, NIELS, US

[73] ACCELERON PHARMA INC., US

[85] 2010-12-22

[86] 2009-06-26 (PCT/US2009/003838)

[87] (WO2009/158033)

[30] US (61/133,368) 2008-06-26

[11] 2,729,496
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01)**

[25] EN

[54] **PROMOTERS FROM BRASSICA NAPUS FOR SEED SPECIFIC GENE EXPRESSION**

[54] **PROMOTEURS DE BRASSICA NAPUS POUR L'EXPRESSION DE GENES SPECIFIQUE DE GRAINES**

[72] BAUER, JOERG, DE

[72] SENGEL, TORALF, DE

[73] BASF PLANT SCIENCE GMBH, DE

[85] 2010-12-24

[86] 2009-06-30 (PCT/EP2009/058138)

[87] (WO2010/000708)

[30] EP (08159440.0) 2008-07-01

[11] 2,729,869
[13] C

[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/42 (2006.01)**

[25] EN

[54] **THERAPEUTIC USE OF SPECIFIC LIGAND IN MSRV ASSOCIATED DISEASES**

[54] **UTILISATION THERAPEUTIQUE DE LIGANDS PARTICULIERS DANS DES MALADIES ASSOCIEES AU RETROVIRUS MSRV**

[72] BERNARD, CORINNE, FR

[72] LANG, ALOIS BERNHARDT, CH

[72] PERRON, HERVE, FR

[72] BERTRAND, JEAN-BAPTISTE, FR

[73] GENEURO SA, CH

[85] 2011-01-04

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[87] (WO2010/003977)

[30] US (61/129 613) 2008-07-08

[30] US (61/202 581) 2009-03-13

[30] US (61/213 189) 2009-05-15

[11] 2,730,080
[13] C

[51] **Int.Cl. G01K 1/20 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS TO ACCURATELY READ AMBIENT ROOM TEMPERATURE FOR A ROOM SENSOR APPARATUS**

[54] **PROCEDE ET APPAREIL POUR LIRE DE FACON PRECISE LA TEMPERATURE AMBIANTE D'UNE PIECE POUR UN APPAREIL DE DETECTION DANS LA PIECE**

[72] WILLE, JAMES P., US

[73] SIEMENS INDUSTRY, INC., US

[85] 2011-01-06

[86] 2009-07-08 (PCT/US2009/049864)

[87] (WO2010/006003)

[30] US (61/078,881) 2008-07-08

[30] US (12/498,423) 2009-07-07

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[25] EN
[54] **AUTOMATIC MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE AUTOMATIQUE**
[72] VAN DEN BERG, KAREL, NL
[73] LELY PATENT N.V., NL
[85] 2011-01-17
[86] 2009-07-27 (PCT/NL2009/000156)
[87] (WO2010/014002)
[30] NL (1035763) 2008-07-28

[11] 2,732,071

[13] C

- [51] **Int.Cl. A61K 31/23 (2006.01) A61P 9/06 (2006.01)**
[25] EN
[54] **LONG-TERM USE OF N-3 PUFA IN THE TREATMENT OF SYMPTOMATIC HEART FAILURE**
[54] **TRAITEMENT A LONG TERME DE L'INSUFFISANCE CARDIAQUE SYMPTOMATIQUE**
[72] CAVAZZA, CLAUDIO, IT
[72] CACCIA, MARIA GIOVANNA, IT
[73] SPA SOCIETA' PRODOTTI ANTIBIOTICI S.P.A., IT
[73] ALFASIGMA S.P.A., IT
[85] 2011-01-26
[86] 2009-07-23 (PCT/EP2009/005347)
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[30] EP (08161994.2) 2008-08-07

[11] 2,732,476

[13] C

- [51] **Int.Cl. F41G 5/00 (2006.01) F41A 27/00 (2006.01) F41A 27/04 (2006.01)**
[25] EN
[54] **REMOTE WEAPON SYSTEM**
[54] **SYSTEME D'ARMES TELECOMMANDE**
[72] LAUPSTAD, KJELL M., NO
[72] WERNER, RUNE, NO
[72] MALTERUD, EIRIK, NO
[73] KONGSBERG DEFENCE & AEROSPACE AS, NO
[86] (2732476)
[87] (2732476)
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[11] 2,732,899

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[25] EN
[54] **PULSE DETONATION SYSTEM**
[54] **SYSTEME DE DETONATION PAR IMPULSIONS**
[72] BRZEK, BRIAN GENE, US
[72] RASHEED, ADAM, US
[72] JOSHI, NARENDRA DIGAMBER, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2732899)
[87] (2732899)
[22] 2011-02-24
[30] US (12/717,799) 2010-03-04

[11] 2,732,974

[13] C

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[25] EN
[54] **OPTICAL FIBER ASSEMBLIES, AND METHODS AND APPARATUS FOR THE MANUFACTURE THEREOF**
[54] **ENSEMBLES DE FIBRES OPTIQUES ET PROCEDES ET APPAREIL DE FABRICATION ASSOCIES**
[72] BURNS, RODNEY M., US
[72] FILIPPOV, ANDREY V., US
[72] FREELAND, RILEY S., US
[72] HAWTOF, DANIEL W., US
[72] MCALPINE, WARREN W., US
[72] TEDDER, CATHARINA L., US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2011-01-28
[86] 2009-08-14 (PCT/US2009/004684)
[87] (WO2010/019273)
[30] US (61/189,076) 2008-08-15

[11] 2,733,087

[13] C

- [51] **Int.Cl. G06Q 50/00 (2012.01) B60S 5/06 (2006.01) G01R 31/36 (2006.01)**
[25] EN
[54] **METHOD OF ALLOCATING BATTERIES FOR USE ON SPECIFIC INDUSTRIAL VEHICLES IN A FLEET**
[54] **PROCEDE D'ALLOCATION DES BATTERIES EN VUE DE LEUR UTILISATION DANS DES VEHICULES INDUSTRIELS PRECIS DANS UN PARC DE VEHICULES**
[72] MCCABE, PAUL P., US
[72] BALDINI, AUGUSTUS, US
[72] KIRK, JOHN BRYANT, US
[73] THE RAYMOND CORPORATION, US
[86] (2733087)
[87] (2733087)
[22] 2011-03-03
[30] US (12/765,510) 2010-04-22

[11] 2,734,423

[13] C

- [51] **Int.Cl. B60R 16/02 (2006.01)**
[25] EN
[54] **ENVIRONMENT ACTIVATED AUTOMATIC SHUT-OFF SWITCH SYSTEM AND METHOD**
[54] **SYSTEME A DISJONCTEUR ACTIONNE PAR L'ENVIRONNEMENT ET PROCEDE CONNEXE**
[72] GRAMLICH, DON, US
[72] BROOKS, TIMOTHY W., US
[72] TAVERNESE, LUIGI, CA
[72] TAVERNESE, GIOVANNI, CA
[73] GROTE INDUSTRIES, INC., US
[86] (2734423)
[87] (2734423)
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[13] C

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/30 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **THICKENING GLYPHOSATE FORMULATIONS WITH NITROGEN CONTAINING SURFACTANTS**
[54] **FORMULES DE GLYPHOSPHATE EPAISSISSANTES A L'AZOTE RENFERMANT DES SURFACTANTS**
[72] ZHU, SHAWN, US
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2011-02-16
[86] 2009-08-17 (PCT/EP2009/060588)
[87] (WO2010/020599)
[30] US (61/090,010) 2008-08-19
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[11] 2,734,482
[13] C

[51] **Int.Cl. A61F 2/01 (2006.01)**
[25] EN
[54] **VEIN FILTER**
[54] **FILTRE VEINEUX**
[72] MCGUCKIN, JAMES, F., JR., US
[72] BRESSLER, JAMES, E., US
[72] THINNES, JOHN H., JR., US
[72] DEFONZO, STEPHAN A., US
[72] CARTER, LINDSAY L., US
[73] ARGON MEDICAL DEVICES, INC., US
[86] (2734482)
[87] (2734482)
[22] 2011-03-22
[30] US (12/770,508) 2010-04-29

[11] 2,735,018
[13] C

[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **NOZZLE VALVE GATE APPARATUS WITH WIPER SEAL**
[54] **APPAREIL D'INJECTION D'OBTURATEUR DE BUSE DOTE D'UN JOINT RACLEUR**
[72] SCHMIDT, HARALD, CA
[73] MOLD HOTRUNNER SOLUTIONS INC., CA
[86] (2735018)
[87] (2735018)
[22] 2011-03-24
[30] US (12/755,164) 2010-04-06

[11] 2,735,450
[13] C

[51] **Int.Cl. C22C 38/08 (2006.01) C22C 30/00 (2006.01) C22C 33/04 (2006.01) C22C 38/02 (2006.01) C22C 38/10 (2006.01) H01F 1/153 (2006.01)**
[25] EN
[54] **DUCTILE METALLIC GLASSES IN RIBBON FORM**
[54] **VERRES METALLIQUES DUCTILES EN FORME DE RUBANS**
[72] BRANAGAN, DANIEL JAMES, US
[72] MEACHAM, BRIAN E., US
[72] SERGUEEVA, ALLA V., US
[73] THE NANOSTEEL COMPANY, INC., US
[85] 2011-02-25
[86] 2009-08-25 (PCT/US2009/054942)
[87] (WO2010/027813)
[30] US (61/091,558) 2008-08-25

[11] 2,736,592
[13] C

[51] **Int.Cl. A61B 6/03 (2006.01) H01J 35/24 (2006.01) H05G 1/52 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING X-RAY FOCAL SPOT CHARACTERISTICS FOR TOMOSYNTHESIS AND MAMMOGRAPHY IMAGING**
[54] **PROCEDE ET SYSTEME PERMETTANT DE CONTROLER LES CARACTERISTIQUES DE POINT FOCAL DE RAYONS X OPUR TOMOSYNTHESE ET IMAGERIE DE MAMMOGRAPHIE**
[72] REN, BAORUI, US
[72] STEIN, JAY, US
[72] JING, ZHENXUE, US
[72] SMITH, ANDREW, US
[73] HOLOGIC INC., US
[85] 2011-03-09
[86] 2009-11-23 (PCT/US2009/065451)
[87] (WO2010/060007)
[30] US (61/117,453) 2008-11-24

[11] 2,737,120
[13] C

[51] **Int.Cl. C08G 18/28 (2006.01) C08G 18/38 (2006.01) D06M 15/576 (2006.01)**
[25] EN
[54] **FLUOROPOLYMER COMPOSITIONS AND TREATED SUBSTRATES**
[54] **COMPOSITIONS POLYMERES FLUOREES ET SUBSTRATS TRAITES**
[72] BROWN, GERALD ORONDE, US
[72] OBER, MICHAEL HENRY, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2011-03-14
[86] 2009-11-11 (PCT/US2009/063970)
[87] (WO2010/056703)
[30] US (61/114,589) 2008-11-14
[30] US (12/577,334) 2009-10-12

[11] 2,737,742
[13] C

[51] **Int.Cl. C10J 3/20 (2006.01) C10J 3/86 (2006.01)**
[25] EN
[54] **COMBINED SYNTHESIS GAS GENERATOR**
[54] **GENERATEUR DE GAZ DE SYNTHESE COMBINE**
[72] ALLAM, RODNEY J., GB
[73] GTLPETROL LLC, US
[85] 2011-03-18
[86] 2009-09-29 (PCT/US2009/058769)
[87] (WO2010/037093)
[30] US (61/101,138) 2008-09-29

[11] 2,737,749
[13] C

[51] **Int.Cl. A47C 31/12 (2006.01) A47C 27/14 (2006.01) B29C 44/56 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **PRE-CONDITIONED FOAM PAD**
[54] **COUSSIN DE MOUSSE PRE-CONDITONNE**
[72] GLADNEY, RICHARD F., US
[72] DEFRANKS, MICHAEL S., US
[72] HERRINGTON, RONALD M., US
[72] YANG, HUI, US
[73] DREAMWELL, LTD., US
[85] 2011-03-18
[86] 2009-09-21 (PCT/US2009/057645)
[87] (WO2010/033895)
[30] US (61/192,575) 2008-09-19
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[11] 2,739,101
[13] C

[51] Int.Cl. G09G 5/00 (2006.01) H04N 21/2343 (2011.01) H04N 21/431 (2011.01) G06T 9/00 (2006.01)

[25] EN

[54] **A COMPUTER-IMPLEMENTED METHOD, A COMPUTER PROGRAM PRODUCT AND AN EMBEDDED SYSTEM FOR DISPLAYING DATA MORE EFFICIENTLY**

[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR, PRODUIT LOGICIEL ET SYSTEME INTEGRE POUR AFFICHER PLUS EFFICACEMENT LES DONNEES**

[72] ONORATO, ORLANDO, IT
[72] CONSOLE, FLAVIO, IT
[72] CALDERA, CLAUDIA, IT
[72] GAGLIARDI, GIOVANNI, IT
[72] NOCERINO, AURELIO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2739101)
[87] (2739101)
[22] 2011-05-04
[30] EP (10 425 198.8) 2010-06-15

[11] 2,740,208
[13] C

[51] Int.Cl. B21F 23/00 (2006.01)

[25] EN

[54] **DRAWING AND/OR STRAIGHTENING UNIT FOR OBLONG METAL PRODUCTS, SUCH AS BARS, ROUND PIECES OR METAL WIRE**

[54] **UNITE D'ETIRAGE ET/OU DE REDRESSAGE POUR PRODUITS METALLIQUES OBLONGS, TELS QUE DES BARRES, DES PIECES RONDES OU DES FILS METALLIQUES**

[72] DEL FABRO, GIORGIO, IT
[73] M.E.P. MACCHINE ELETTRONICHE PIEGATRICI SPA, IT

[85] 2011-04-11
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[87] (WO2010/043611)
[30] IT (UD2008A000216) 2008-10-14

[11] 2,740,397
[13] C

[51] Int.Cl. F01K 7/04 (2006.01) F01K 7/02 (2006.01) B05B 1/30 (2006.01)

[25] EN

[54] **METHODS AND SYSTEMS FOR VARIABLE GEOMETRY INLETS NOZZLES FOR USE IN TURBOEXPANDERS**

[54] **PROCEDES ET SYSTEMES POUR DES BUSES D'ENTREE D'AIR A GEOMETRIE VARIABLE DESTINEES A DES TURBO-EXPANSEURS**

[72] ASTI, ANTONIO, IT
[72] SCOTTI DEL GRECO, ALBERTO, IT
[72] DEL TURCO, PAOLO, IT
[72] MILIANI, ALESSIO, IT
[73] NUOVO PIGNONE S.P.A., IT

[86] (2740397)
[87] (2740397)
[22] 2011-05-12
[30] IT (CO2010A000029) 2010-05-24

[11] 2,740,627
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[54] **SOFTWARE BASED SYSTEM FOR CONTROL OF DEVICES**

[54] **SYSTEME LOGICIEL DE CONTROLE DE DISPOSITIFS**

[72] SCHISSLER, GARY, CA
[72] STINSON, DAVE, CA
[73] OASYS HEALTHCARE CORPORATION, CA

[86] (2740627)
[87] (2740627)
[22] 2011-05-19

[11] 2,741,170
[13] C

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[54] **LINK DISCONNECTING BOX**

[54] **BOITE DE DEBRANCHEMENT D'UNE LIAISON**

[72] SPILLER, DARREN MICHAEL, GB
[72] COX, STUART, GB
[72] BERRY, PHILIP, GB
[73] PRYSMIAN CABLES & SYSTEMS LIMITED, GB

[86] (2741170)
[87] (2741170)
[22] 2011-05-26
[30] GB (1009397.9) 2010-06-04

[11] 2,741,333
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[54] **VACCINE AGAINST AFRICAN HORSE SICKNESS VIRUS**

[54] **VACCIN CONTRE LE VIRUS DE LA PESTE EQUINE**

[72] MINKE, JULES MAARTEN, FR
[72] AUDONNET, JEAN-CHRISTOPHE, FR
[72] GUTHRIE, ALAN JOHN, ZA
[72] MACLACHLAN, NIGEL JAMES, US
[72] YAO, JIANSHENG, CA
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] UNIVERSITY OF PRETORIA, ZA
[73] MERIAL, INC., US

[85] 2011-04-20
[86] 2009-10-22 (PCT/US2009/061669)
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[30] US (61/108,075) 2008-10-24
[30] US (61/163,517) 2009-03-26

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- [25] EN
- [54] **SYSTEM AND METHODS FOR DELIVERING TARGETED MARKETING OFFERS TO CONSUMERS VIA AN ONLINE PORTAL**
- [54] **SYSTEME ET PROCEDE POUR PRESENTER DES OFFRES DE COMMERCIALISATION CIBLEES AUX CONSOMMATEURS VIA UN PORTAIL EN LIGNE**
- [72] GRIMES, SCOTT, US
- [73] CARDLYTICS, INC., US
- [85] 2011-04-20
- [86] 2009-06-17 (PCT/US2009/047652)
- [87] (WO2010/047854)
- [30] US (61/108,332) 2008-10-24

[11] 2,742,790
[13] C

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- [25] EN
- [54] **NOVEL FORMS OF AN INDAZOLO[5,4-A]PYRROLO [3,4-C] CARBAZOLE COMPOUND**
- [54] **FORMES NOUVELLES DE COMPOSE D'INDAZOLO[5,4-A]PYRROLO [3,4-C] CARBAZOLE**
- [72] BIERLMAIER, STEPHEN, US
- [72] COURVOISIER, LAURENT, US
- [72] FIELD, RAYMOND SCOTT, US
- [72] HALTIWANGER, R. CURTIS, US
- [72] JACOBS, MARTIN J., US
- [72] MCKEAN, ROBERT E., US
- [72] YAZDANIAN, MEHRAN, US
- [73] CEPHALON, INC., US
- [85] 2011-05-04
- [86] 2009-11-19 (PCT/US2009/065099)
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[11] 2,743,085
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- [25] EN
- [54] **MULTILEVEL ELECTRIC POWER CONVERTER**
- [54] **CONVERTISSEUR DE COURANT ELECTRIQUE MULTINIVEAU**
- [72] AL-HADDAD, KAMAL, CA
- [72] GREGOIRE, LUC-ANDRE, CA
- [72] OUNEJJAR, YOUSSEF, CA
- [73] SOCOVAR S.E.C., CA
- [85] 2011-05-09
- [86] 2009-11-10 (PCT/CA2009/001633)
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- [30] US (61/112,809) 2008-11-10

[11] 2,743,856
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- [25] EN
- [54] **COMPOSITIONS COMPRISING AN ARYL PYRAZOLE AND/OR A FORMAMIDINE, METHODS AND USES THEREOF**
- [54] **COMPOSITIONS RENFERMANT UN ARYL PYRAZOLE ET UNE FORMAMIDINE, METHODES ET UTILISATIONS ASSOCIEES**
- [72] SOLL, MARK DAVID, US
- [72] CRAMER, LUIZ GUSTAVO, US
- [72] WURTZ, PATRICE, FR
- [72] PATE, JAMES, US
- [72] SHUB, NATALYA, US
- [72] LE HIR DE FALLOIS, LOIC PATRICK, US
- [72] TIMMONS, PHILIP REID, US
- [73] MERIAL, INC., US
- [85] 2011-05-16
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[11] 2,744,478
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- [25] EN
- [54] **METHODS AND SYSTEMS FOR MEASUREMENT AND CONTROL OF PROCESS PARAMETERS**
- [54] **METHODES ET SYSTEMES POUR LA MESURE ET LA REGULATION DES PARAMETRES DE PROCESSUS**
- [72] BATMAZ, EDIZ, US
- [72] MOHAMMED, RASHEED, US
- [72] ABDELRAHIM, KHALID, US
- [72] KARKACHE, MOHAMMED, US
- [73] CAMPBELL SOUP COMPANY, US
- [86] (2744478)
- [87] (2744478)
- [22] 2011-06-23
- [30] US (12/803,385) 2010-06-25

[11] 2,745,373
[13] C

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- [25] EN
- [54] **APPARATUS, SYSTEM, AND METHOD FOR ISOLATING AND VENTING A LITTER BOX**
- [54] **APPAREIL, SYSTEME ET PROCEDE POUR ISOLER ET AERER UN BAC A LITIERE**
- [72] FERRER, JICKY, US
- [72] FERRER, MARLA, US
- [73] FERRER, JICKY, US
- [73] FERRER, MARLA, US
- [85] 2011-05-31
- [86] 2009-12-01 (PCT/US2009/066285)
- [87] (WO2010/065560)
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[25] EN
[54] **METHOD FOR SMOOTHING THE SURFACE OF A PART MADE FROM A CMC MATERIAL**
[54] **PROCEDE POUR LE LISSAGE DE LA SURFACE D'UNE PIECE EN MATERIAU CMC**
[72] BOUILLON, ERIC, FR
[72] EBERLING-FUX, NICOLAS, FR
[72] CHATEIGNER, SERGE, FR
[73] SNECMA, FR
[73] HERAKLES, FR
[85] 2011-06-02
[86] 2009-12-02 (PCT/FR2009/052363)
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[30] FR (0858257) 2008-12-04

[11] 2,745,726

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[25] EN
[54] **POWDER DELIVERY DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE POUDRE**
[72] GREENHALGH, PAUL, GB
[72] GRIMBERGEN, JOSEPH MARIA, NL
[72] HARVEY, OLIVER, GB
[73] MALLINCKRODT PHARMA IP TRADING D.A.C., IE
[85] 2011-06-03
[86] 2009-12-15 (PCT/GB2009/051714)
[87] (WO2010/070333)
[30] GB (0822759.7) 2008-12-15
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[25] EN
[54] **METHOD FOR MAKING A SHEET OF DEGRADABLE PAPER, USE OF SAID SHEET FOR MAKING A MANDREL DEFINING A ROLL CARRIER, DEGRADABLE PAPER SHEET, AND MANDREL INCLUDING AT LEAST ONE OF THE SAID SHEETS**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE DE PAPIER DELITABLE, UTILISATION DE LA FEUILLE POUR LA FABRICATION D'UN MANDRIN FORMANT SUPPORT DE ROULEAU, FEUILLE DE PAPIER DELITABLE ET MANDRIN CONSTITUE D'AU MOINS UNE DESDITES FEUILLES**
[72] WEISANG, NICOLAS, FR
[72] ROESCH, FREDERIC, FR
[72] HOEFT, BENOIT, FR
[73] GEORGIA-PACIFIC FRANCE, FR
[85] 2011-06-07
[86] 2009-12-16 (PCT/EP2009/067324)
[87] (WO2010/070009)
[30] FR (0858809) 2008-12-18

[11] 2,746,574

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[25] EN
[54] **CASHEW NUT SHELL LIQUID FOR CONTROLLING OR INHIBITING GROWTH OF CLOSTRIDIUM BACTERIUM AND FEED COMPRISING SAID LIQUID**
[54] **LIQUIDE DE COQUILLE DE NOIX DE CAJOU SERVANT A CONTROLER OU INHIBER LA CROISSANCE DE LA BACTERIE CLOSTRIDIUM ET ALIMENT RENFERMANT LEDIT LIQUIDE**
[72] NAGASHIMA, KYO, JP
[72] MOCHIZUKI, MASAMI, JP
[72] SUGIMOTO, YASUAKI, JP
[73] IDEMITSU KOSAN CO., LTD., JP
[85] 2011-06-10
[86] 2009-12-14 (PCT/JP2009/070829)
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[30] JP (2008-317425) 2008-12-12

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[13] C

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[25] EN
[54] **WINDOW COVERING SIZING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE MISE A DIMENSION DE COUVRE-FENETRES**
[72] BEGIN, JASON, US
[72] BIRCH, CLIFFORD, US
[72] BISHOP, RYAN, US
[72] BROWN, PAUL CHRISTOPHER, US
[72] CAPUTO, THOMAS A., US
[72] CASSTEVENS, NEIL L., US
[72] CLUETT, TIMOTHY D., US
[72] DOYLE, LAWRENCE POWELL, US
[72] FOLEY, PATRICK E., US
[72] FOX, MARK A., US
[72] GEORGI, KRISTI JANE, US
[72] JOHNSON, BRIAN BELLAMY, US
[72] PHILLIPS, GRANT RORIE, US
[72] SCOTT, WILLIAM NORRIS, US
[72] VAN BUREN, MARTIN RICHARD, US
[72] VALARMOFF, NEIL JOHN, US
[72] WINDHAM, LARRY TODD, US
[73] HUNTER DOUGLAS INDUSTRIES SWITZERLAND GMBH, CH
[86] (2746780)
[87] (2746780)
[22] 2011-07-18
[30] US (12/838,946) 2010-07-19
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[54] **LIGHT-DISPERSIVE POROUS POLYMER COATINGS SUITABLE FOR TOOTH WHITENING**
[54] **REVETEMENTS POLYMERES POREUX DISPERSANT LA LUMIERE CONVENANT AU BLANCHIMENT DES DENTS**
[72] CHANDRA, DINESH, US
[72] SOSHINSKY, ANDRE A., US
[72] GAMBOGI, ROBERT J., US
[72] YANG, SHU, US
[73] MCNEIL-PPC, INC., US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2011-06-16
[86] 2009-12-17 (PCT/US2009/068486)
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[30] US (12/338,357) 2008-12-18

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[13] C

[51] **Int.Cl. B67C 3/02 (2006.01) B65B 3/04 (2006.01) B65D 1/02 (2006.01) B65D 1/42 (2006.01) B67C 3/14 (2006.01) B67C 3/22 (2006.01)**
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[54] **METHOD AND SYSTEM FOR HANDLING CONTAINERS**
[54] **PROCEDE ET SYSTEME DE MANIPULATION DE RECIPIENTS**
[72] KELLEY, PAUL V., US
[72] BYSICK, SCOTT E., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2011-06-22
[86] 2010-01-04 (PCT/US2010/020045)
[87] (WO2010/080731)
[30] US (12/349,268) 2009-01-06
[30] US (12/651,461) 2010-01-02

[11] **2,748,419**
[13] C

[51] **Int.Cl. A61C 17/34 (2006.01) A46B 9/04 (2006.01) A46B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR AXIAL BRISTLE MOTION IN A TEETH CLEANING MOUTHPIECE**
[54] **SYSTEME POUR LE DEPLACEMENT AXIAL DES SOIES DANS UN EMBOUT BUCCAL DE NETTOYAGE DES DENTS**
[72] STEUR, JELTE, NL
[72] STAPELBROEK, MARTINUS BERNARDUS, NL
[72] HELFRICH, EVERT ALLE, NL
[72] VEENDIJK, ARIF, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS, N.V., NL
[85] 2011-06-27
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[30] US (61/141,071) 2008-12-29

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[13] C

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[25] EN
[54] **METHOD FOR IMPROVED AERODYNAMIC AND TRANSPORT CHARACTERISTICS IN A WING-IN-GROUND-EFFECT VEHICLE**
[54] **METHODE D'AMELIORATION DE CARACTERISTIQUES AERODYNAMIQUES ET DE CARACTERISTIQUES DE TRANSPORT DANS UN VEHICULE A AILE A EFFET DE SOL**
[72] NOVIKOV-KOPP, IVAN, DE
[73] NOVIKOV-KOPP, IVAN, DE
[85] 2011-06-29
[86] 2010-01-05 (PCT/IB2010/000032)
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[13] C

[51] **Int.Cl. C12N 15/31 (2006.01) C07K 14/325 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NOVEL BACILLUS THURINGIENSIS GENE WITH LEPIDOPTERAN ACTIVITY**
[54] **NOUVEAU GENE DE BACILLUS THURINGIENSIS AYANT UNE ACTIVITE ANTI-LEPIDOPTERE**
[72] ABAD, ANDRE R., US
[72] KAPKA-KITZMAN, DEIRDRE M., US
[72] MATHIS, JOHN P., US
[72] WOLFE, THOMAS C., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[13] C

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[54] **FONCTIONNALISATION DE POLYOLEFINES AU MOYEN DE DERIVES PHENOXY**
[72] STOREY, ROBSON F., US
[72] MORGAN, DAVID L., US
[73] THE UNIVERSITY OF SOUTHERN MISSISSIPPI, US
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[54] **METHOD FOR PRODUCTION OF LACTOFERRIN**

[54] **PROCEDE DE PRODUCTION DE LACTOFERRINE**

[72] PERRAUDIN, JEAN-PAUL, BE

[73] PERRAUDIN, JEAN-PAUL, BE

[85] 2011-07-25

[86] 2010-01-28 (PCT/IB2010/000149)

[87] (WO2010/112988)

[30] US (61/202,088) 2009-01-28

[11] 2,750,763
[13] C

[51] **Int.Cl. D04C 1/00 (2006.01) D04C 3/40 (2006.01) D04C 3/48 (2006.01)**

[25] EN

[54] **ATRAUMATIC STENT AND METHOD AND APPARATUS FOR MAKING THE SAME**

[54] **STENT ATRAUMATIQUE, PROCEDE ET APPAREIL POUR SA FABRICATION**

[72] LILBURN, STEVE, US

[72] NORTON, PAUL K., US

[72] ZUPKOFKA, MICHAEL, US

[72] BEDARD, LOUIS, US

[72] HARDING, GLENN D., US

[73] BOSTON SCIENTIFIC SCIMED, INC., US

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[11] 2,751,954
[13] C

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[25] EN

[54] **SYSTEM AND METHOD FOR SELECTING SERVICES IN A WIRELESS COMMUNICATION NETWORK**

[54] **SYSTEME ET PROCEDE POUR LA SELECTION DE SERVICES AU SEIN D'UN RESEAU DE COMMUNICATIONS SANS FIL**

[72] MORING, JOHN THOMAS, US

[72] KHIJNIAK, DMITRI, US

[72] MCNEW, JUSTIN PAUL, US

[73] KAPSCI TRAFFICOM AG, AT

[86] (2751954)

[87] (2751954)

[22] 2011-09-08

[30] US (12/942,798) 2010-11-09

[11] 2,752,087
[13] C

[51] **Int.Cl. F16H 25/24 (2006.01) F16B 35/00 (2006.01) F16B 39/12 (2006.01) F16B 39/30 (2006.01) F16H 19/04 (2006.01)**

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[54] **DOUBLE-END THREADED BODY AND INTERNALLY-THREADED BODY**

[54] **CORPS FILETE A DOUBLE EXTREMITÉ ET CORPS TARAUDE**

[72] MICHIMAWA, HIROSHI, JP

[73] NEJILAW INC., JP

[85] 2011-08-09

[86] 2009-02-20 (PCT/JP2009/053092)

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[30] JP (2008-039362) 2008-02-20

[11] 2,755,132
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[25] EN

[54] **INDOLIZINE DERIVATIVE AND USE THEREOF FOR MEDICAL PURPOSES**

[54] **DERIVE D'INDOLIZINE ET SON UTILISATION POUR DES OBJECTIFS MEDICAUX**

[72] SHIMIZU, KAZUO, JP

[72] IIZUKA, MASATO, JP

[72] TAKIGAWA, YASUSHI, JP

[73] KISSEI PHARMACEUTICAL CO., LTD., JP

[85] 2011-09-09

[86] 2010-03-30 (PCT/JP2010/055692)

[87] (WO2010/113942)

[30] JP (2009-086306) 2009-03-31

[30] JP (2009-279976) 2009-12-10

[11] 2,756,189
[13] C

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[25] EN

[54] **RF CONNECTOR ASSEMBLY**

[54] **ENSEMBLE CONNECTEUR RF**

[72] YI, CHONG HUN, US

[72] MORLEY, STEPHEN THOMAS, US

[73] TYCO ELECTRONICS CORPORATION, US

[86] (2756189)

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[25] EN

[54] KINASE INHIBITORS AND METHOD OF TREATING CANCER WITH SAME

[54] INHIBITEURS DE KINASES ET PROCEDE DE TRAITEMENT DU CANCER AVEC CEUX-CI

[72] SAMPSON, PETER BRENT, CA

[72] LI, SZE-WAN, CA

[72] LIU, YONG, CA

[72] PAULS, HEINZ W., CA

[72] EDWARDS, LOUISE G., CA

[72] FORREST, BRYAN T., CA

[72] FEHER, MIKLOS, CA

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[54] COMBINATION OF DECITABINE WITH CYTIDINE DEAMINASE INHIBITOR AND USE THEREOF IN THE TREATMENT OF CANCER

[54] ASSOCIATION DE DECITABINE ET D'UN INHIBITEUR DE LA CYTIDINE DESAMINASE ET UTILISATION DE CETTE ASSOCIATION DANS LE TRAITEMENT DU CANCER

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[54] ASSOCIATION COMPRENANT DES MEDICAMENTS ANTINEOPLASQUES A BASE DE CYTIDINE ET UN INHIBITEUR DE LA CYTIDINE DESAMINASE ET UTILISATION DE CETTE ASSOCIATION DANS LE TRAITEMENT DU CANCER

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[72] NOBLE, DAVID R., US
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[54] **NANOPARTICULES METALLIQUES PRESENTANT UNE TAILLE MOYENNE DE NANOPARTICULES LES PLUS GRANDES DE 80 A 105 NM DESTINEES A UNE UTILISATION EN CONJONCTION AVEC UN RAYONNEMENT ELECTROMAGNETIQUE IONISANT**
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[54] **CONNECTEUR POUR CONNECTER UN COMPOSANT A UN PUIT DE CHALEUR**
[72] BLANKESTIJN, JAN-IVO, NL
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[72] MCEVOY, MARY, US
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[54] **SYSTEME AMORTISSEUR POUR LA REGULATION DE NIVEAU DANS UN VEHICULE**
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[72] MELIGRANA, GIUSEPPINA, IT

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- [73] SIEBTE PMI VERWALTUNGS GMBH, DE
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[73] AIRBUS OPERATIONS S.A.S., FR
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[54] **COMPOSITION DE RESINE POLYCARBONATE ET ARTICLE MOULE LA COMPRENANT**
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[72] KOGA, TAKASHI, JP
[73] TELJIN CHEMICALS LTD., JP
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[54] **BIODEGRADABLE MATERIAL CONTAINING SILICON, FOR PRO-ANGIOGENETIC THERAPY**
[54] **MATERIAU BIODEGRADABLE CONTENANT DU SILICIUM POUR LA THERAPIE PRO-ANGIOGENETIQUE**
[72] BAECKER, IWER, DE
[72] SUSCHEK, CHRISTOPH, DE
[72] ULRICH, MAGDA, NL
[72] BOEKEMA, BOUKE, NL
[73] BAYER INNOVATION GMBH, DE
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[72] DARR, MATTHEW RAIN, US
[73] COOPER TECHNOLOGIES COMPANY, US
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[54] **SYSTEM AND METHOD OF ADJUSTING THE EQUILIBRIUM TEMPERATURE OF AN INDUCTIVELY-HEATED SUSCEPTOR**
[54] **SYSTEME ET METHODE D'AJUSTEMENT DE LA TEMPERATURE D'EQUILIBRE D'UN SUSCEPTEUR ACTIVE PAR INDUCTION**
[72] MATSEN, MARC R., US
[72] NEGLEY, MARK A., US
[72] GEREN, WILLIAM P., US
[73] THE BOEING COMPANY, US
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[54] **LANCING DEVICE WITH TETHERED DEPTH-CONTROL MECHANISM**
[54] **DISPOSITIF AUTOPIQUEUR COMPORTANT UN MECANISME DE CONTROLE DE PROFONDEUR ANCRE**
[72] ROBBINS, AVI M., US
[73] FACET TECHNOLOGIES, LLC, US
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[54] **FLEXIBLE PIPE WITH DIFFUSION BARRIER**
[54] **TUYAU FLEXIBLE POURVU D'UNE BARRIERE ANTIDIFFUSION**
[72] KUHIMANN, KARL., DE
[72] DOWE, ANDREAS, DE
[72] GOERING, RAINER, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **FLEXIBLE PIPE HAVING A MULTI-LAYERED STRUCTURE**
[54] **TUYAU FLEXIBLE A STRUCTURE MULTICOUCHE**
[72] KUHIMANN, KARL., DE
[72] DOWE, ANDREAS, DE
[72] GOERING, RAINER, DE
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[54] **THERAPEUTIC AGENT AND PREVENTATIVE AGENT FOR ALZHEIMER'S DISEASE**
[54] **AGENT THERAPEUTIQUE ET AGENT CONSERVATEUR CONTRE LA MALADIE D'ALZHEIMER**
[72] NAKAO, KAORU, JP
[72] MIYAMOTO, YOHEI, JP
[72] YAMADA, NAOKI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **METHOD FOR MANUFACTURING A BUILDING PANEL COMPRISING A POWDER OVERLAY**
[54] **METHODE DE FABRICATION D'UN PANNEAU DE BATIMENT COMPORTANT UNE COUCHE SUPERIEURE DE POUDRE**
[72] PERVAN, DARKO, SE
[72] ZIEGLER, GOERAN, SE
[73] VALINGE INNOVATION AB, SE
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- [54] **COMPOSITIONS PARASITICIDES COMPORTANT DE MULTIPLES PRINCIPES ACTIFS, PROCÉDES ET UTILISATIONS ASSOCIÉS**
- [72] ROSENTEL, JOSEPH K., JR., US
- [72] TEJWANI, MONICA, US
- [72] DAS-NANDY, ARIMA, US
- [73] MERIAL, INC., US
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- [54] **ADJUSTABLE CHROMOPHORE COMPOUNDS AND MATERIALS INCORPORATING SUCH COMPOUNDS**
- [54] **COMPOSES CHROMOPHORES AJUSTABLES ET MATERIAUX INTEGRANT CES COMPOSES**
- [72] WEINSCHENK, JOSEPH L., III, US
- [73] NOVARTIS AG, CH
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- [54] **METHOD AND APPARATUS FOR DETERMINING THE NATURE OF A MATERIAL IN A CAVITY BETWEEN ONE INNER METAL WALL AND ONE OUTER METAL WALL**
- [54] **PROCÉDE ET APPAREIL PERMETTANT DE DETERMINER LA NATURE D'UN MATERIAU DANS UNE CAVITE ENTRE UNE PAROI METALLIQUE INTERIEURE ET UNE PAROI METALLIQUE EXTERIEURE**
- [72] KRIVOSHEEV, SERGEY IVANOVICH, RU
- [72] SVECHNIKOV, EVGENI I. VOVICH, RU
- [72] ZHABKO, GREGORY PETROVICH, RU
- [72] BELOV, ANDREY ALEKSANDROVICH, RU
- [72] ADAMIAN, YURI EDUARDOVICH, RU
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- [54] **DISPOSITIF COMPORTANT UNE PLAQUE DE BASE ET UN CAPOT DE RECOUVREMENT POUR UN ECRAN**
- [72] GORANSON, DAG, SE
- [72] GORANSON, ORJAN, SE
- [73] GORANSON, DAG, SE
- [73] GORANSON, ORJAN, SE
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- [54] **DISPOSITIF D'ETANCHEITE ET DE SERRAGE POUR CABLES DE DONNEES**
- [72] FABRYKOWSKI, GRZEGORZ, PL
- [72] MUELLER, MICHAEL A., DE
- [72] STRUNCK, SVEN, DE
- [73] CORNING OPTICAL COMMUNICATIONS LLC, US
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- [54] **MACHINE POUR LA PREPARATION DE BOISSONS, EN PARTICULIER DE CAFE**
- [72] ICARDI, DANILO (DECEASED), IT
- [73] LUIGI LAVAZZA S.P.A., IT
- [85] 2012-10-15
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- [72] BECK, DANIEL J., US
- [72] STEERS, CHARLES, US
- [73] L & P PROPERTY MANAGEMENT COMPANY, US
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[72] NEVEN, JOSEF, FR
[73] KROHNE AG, CH
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[54] **TRAVEL MANAGEMENT**
[54] **GESTION DE VOYAGE**
[72] BHADKARIA, SAURABH, IN
[72] VIRDI, GURDEEP SINGH, IN
[72] PAUL, SANJOY, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **STRUCTURED THERMOPLASTIC IN COMPOSITE INTERLEAVES**
[54] **THERMOPLASTIQUE STRUCTURE DANS DES INTERCALAIRES COMPOSITES**
[72] MORTIMER, STEPHEN, GB
[73] HEXCEL COMPOSITES, LTD., GB
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[54] **CONTROL APPARATUS AND LIGHTING APPARATUS INCORPORATING CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE ET APPAREIL D'ECLAIRAGE INTEGRANT UN APPAREIL DE COMMANDE**
[72] BRIGGS, GERALD EDWARD, CA
[73] ARKALUMEN INC., CA
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[54] **POLYMER-BONDED PERYLENE DYES AND COMPOSITIONS CONTAINING SAME**
[54] **COLORANTS A BASE DE PERYLENE LIES A UN POLYMER ET COMPOSITIONS EN CONTENANT**
[72] TILLER, THOMAS, CH
[72] PASQUIER, CECILE, CH
[72] COMMEUREUC, AURELIEN
[72] GEORGES JEAN, CH
[73] SICPA HOLDING SA, CH
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[54] **DISK FOR POOL CLEANER AND POOL CLEANER EQUIPPED WITH SUCH A DISK**
[54] **DISQUE POUR DISPOSITIF DE NETTOYAGE DE PISCINE ET DISPOSITIF DE NETTOYAGE DE PISCINE EQUIPE D'UN TEL DISQUE**
[72] STOLTZ, GERHARDUS JOHANNES, US
[73] ZODIAC POOL SYSTEMS, INC., US
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[54] **PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS**
[54] **PROCEDE POUR LA PRODUCTION DE GAZ DE SYNTHESE D'AMMONIAC**
[72] FILIPPI, ERMANNIO, CH
[72] BARATTO, FRANCESCO, IT
[72] PANZA, SERGIO, IT
[72] OSTUNI, RAFFAELE, IT
[73] CASALE SA, CH
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[54] **STORE/STORE BLOCK INSTRUCTIONS FOR COMMUNICATING WITH ADAPTERS**
[54] **INSTRUCTIONS DE STOCKAGE/BLOCAGE DE STOCKAGE POUR COMMUNIQUER AVEC DES ADAPTATEURS**
[72] GREINER, DAN, US
[72] CRADDOCK, DAVID, US
[72] GREGG, THOMAS, US
[72] FARRELL, MARK, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2012-11-23
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[54] **MEASUREMENT FACILITY FOR ADAPTER FUNCTIONS**
[54] **MOYEN DE MESURE DESTINE A DES FONCTIONS D'ADAPTATEUR**
[72] SZWED, PETER KENNETH, US
[72] CRADDOCK, DAVID, US
[72] GREGG, THOMAS, US
[72] GLENDENING, BETH, US
[72] LAIS, ERIC NORMAN, US
[72] WILKINS, STEPHEN GLENN, US
[72] BRICE, FRANK WILLIAM, JR., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[72] YI, PATRICK, US
[72] HATZILIAS, GEORGE, US
[73] MEDIPURPOSE PTE LTD, SG
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[54] **NUCLEIC ACID COMPRISING OR CODING FOR A HISTONE STEM-LOOP AND A POLY(A) SEQUENCE OR A POLYADENYLATION SIGNAL FOR INCREASING THE EXPRESSION OF AN ENCODED PROTEIN**
[54] **ACIDE NUCLEIQUE COMPRENANT OU CODANT POUR UNE TIGE-BOUCLE D'HISTONE ET UNE SEQUENCE POLY(A) OU UN SIGNAL DE POLYADENYLATION POUR AUGMENTER L'EXPRESSION D'UNE PROTEINE CODEE**
[72] THIESS, ANDREAS, DE
[72] SCHLAKKE, THOMAS, DE
[72] PROBST, JOCHEN, DE
[73] CUREVAC AG, DE
[85] 2012-11-30
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[54] **HYDROXY ACID ESTER COMPOUND OF SUBSTITUTED PHENOL, PREPARATION METHOD AND MEDICAL USE THEREOF**
[54] **COMPOSE HYDROXYACIDE D'UN ESTER PHENYLIQUE SUBSTITUE, SON PROCEDE DE PREPARATION ET SON UTILISATION MEDICALE**
[72] ZHANG, WENSHENG, CN
[72] YANG, JUN, CN
[72] LIU, JIN, CN
[73] WEST CHINA HOSPITAL, SICHUAN UNIVERSITY, CN
[85] 2012-12-04
[86] 2010-10-13 (PCT/CN2010/001600)
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[25] EN
[54] **MICROCONDENSER DEVICE AND EVAPORATIVE EMISSION CONTROL SYSTEM AND METHOD HAVING MICROCONDENSER DEVICE**
[54] **DISPOSITIF DE MICRO-CONDENSEUR, RECYCLAGE DES VAPEURS DE CARBURANT ET PROCEDE COMPORTANT UN DISPOSITIF DE MICRO-CONDENSEUR**
[72] CHUNG, DENNIS B., US
[73] HONDA MOTOR CO., LTD, JP
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[54] **SYSTEM AND METHOD FOR STRUCTURAL ANALYSIS**
[54] **SYSTEME ET METHODE D'ANALYSE STRUCTURALE**
[72] OLIVERIUS, MATTHEW, US
[72] MALLIKARJUNNAIAH, NAVIENA, US
[72] ESHGHI, MEL, US
[72] RAMACHANDRAN, CHANDRASHEKAR, US
[72] UDALI, VENKATA NARASIMHA RAVI, US
[73] THE BOEING COMPANY, US
[86] (2801664)
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[54] **VERIFICATION D'ATTRIBUTS A DISTANCE DANS UN RESEAU DE COMMUNICATION**
[72] HORN, GUENTHER, DE
[72] MOELLER, WOLF-DIETRICH, DE
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[25] EN
[54] **CUTTING TOOL AND COOLANT OUTLET OF SPECIAL SHAPE**
[54] **OUTIL DE COUPE ET SORTIE DE FLUIDE DE REFROIDISSEMENT D'UNE FORME SPECIALE**
[72] NEIMAN, GRIGORI, IL
[72] AMSTIBOVITSKY, LEONID, IL
[73] ISCAR LTD, IL
[85] 2012-12-07
[86] 2011-05-25 (PCT/IL2011/000406)
[87] (WO2011/154933)
[30] IL (206283) 2010-06-10

[11] 2,802,237
[13] C

[51] **Int.Cl. D21C 3/02 (2006.01) D21C 9/02 (2006.01) D21C 9/147 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING PULP FOR CORRUGATED MEDIUM**
[54] **PROCEDE DE FABRICATION DE PATE POUR SUPPORT ONDULE**
[72] KIROV, VENTZISLAV IL, US
[72] SHIN, NAMHEE, US
[73] PACKAGING CORPORATION OF AMERICA, US
[85] 2012-12-10
[86] 2011-06-10 (PCT/US2011/039974)
[87] (WO2011/156708)
[30] US (61/353,489) 2010-06-10

[11] 2,802,415
[13] C

[51] **Int.Cl. G06F 11/22 (2006.01)**
[25] EN
[54] **SYSTEM TEST APPARATUS**
[54] **APPAREIL D'ESSAI DE SYSTEME**
[72] CHOI, BYOUNG-JU, KR
[72] SEO, JOO-YOUNG, KR
[72] YANG, SUENG-WAN, KR
[72] LIM, JIN YONG, KR
[72] KIM, YOUNG SU, KR
[72] KWON, HAE YOUNG, KR
[72] OH, JUNG SUK, KR
[72] JANG, SEUNG YEUN, KR
[73] HYUNDAI MOTOR COMPANY, KR
[73] KIA MOTORS CORPORATION, KR
[73] EWHI UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION, KR
[85] 2012-12-11
[86] 2011-03-15 (PCT/KR2011/001803)
[87] (WO2012/002635)
[30] KR (10-2010-0061455) 2010-06-28
[30] KR (PCT/KR2010/006068) 2010-09-07

[11] 2,802,560
[13] C

[51] **Int.Cl. B60S 1/54 (2006.01) B60J 1/20 (2006.01)**
[25] EN
[54] **ELECTRICAL HEATER FOR VEHICLE WINDSHIELDS AND WINDOWS**
[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE POUR PARE-BRISE ET VITRES DE VEHICULE**
[72] SCHAUBLE, RICHARD EGON, CA
[73] SCHAUBLE, RICHARD EGON, CA
[86] (2802560)
[87] (2802560)
[22] 2013-01-17
[30] US (13/652,102) 2012-10-15

[11] 2,803,458
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 31/70 (2006.01) A61K 33/00 (2006.01) A61K 33/14 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **DIALYSIS PRECURSOR COMPOSITION**
[54] **COMPOSITION PRECURSEUR DE DIALYSE**
[72] CARLSSON, OLA, SE
[72] JOENSSON, LENNART, SE
[72] LINDEN, TORBJORN, SE
[72] WIESLANDER, ANDERS, SE
[73] GAMBRO LUNDIA AB, SE
[85] 2012-12-20
[86] 2011-06-20 (PCT/EP2011/060233)
[87] (WO2011/161056)
[30] SE (1050685-5) 2010-06-23
[30] US (61/358,006) 2010-06-24

[11] 2,803,926
[13] C

[51] **Int.Cl. C02F 1/32 (2006.01) C02F 1/48 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **WATER TREATMENT SYSTEMS AND METHODS USING UV RADIATION**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'EAU UTILISANT LE RAYONNEMENT UV**
[72] SUNSHINE, DAVID, US
[72] KOLSTAD, DAVID, US
[73] SILVER BULLET WATER TREATMENT COMPANY, LLC, US
[85] 2012-12-21
[86] 2012-04-11 (PCT/US2012/033097)
[87] (WO2012/142140)
[30] US (61/474,646) 2011-04-12

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[11] **2,803,950**
[13] C

[51] **Int.Cl. B32B 27/20 (2006.01) B32B 27/08 (2006.01)**

[25] EN

[54] **MULTI-LAYER ARTICLES CAPABLE OF FORMING COLOR IMAGES AND METHODS OF FORMING COLOR IMAGES**

[54] **ARTICLES MULTICOUCHES APTES A FORMER DES IMAGES COULEUR ET PROCEDES DE FORMATION D'IMAGES COULEUR**

[72] DUNN, DOUGLAS S., US

[72] MERRILL, WILLIAM WARD, US

[72] MARKOWICZ, PRZEMYSŁAW P., US

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2012-12-24

[86] 2011-06-27 (PCT/US2011/042004)

[87] (WO2012/012118)

[30] US (61/360,022) 2010-06-30

[11] **2,803,997**
[13] C

[51] **Int.Cl. B31B 50/07 (2017.01) B31B 50/28 (2017.01) B65B 35/24 (2006.01)**

[25] EN

[54] **MACHINE FOR ASSEMBLING CARDBOARD BOXES**

[54] **MACHINE A FABRIQUER DES BOITES EN CARTON**

[72] BOIX JAEN, JOSE, ES

[73] BOIX MAQUINARIA SPAIN, S.L.U., ES

[85] 2012-12-24

[86] 2011-04-15 (PCT/ES2011/070266)

[87] (WO2011/161287)

[30] ES (U201030663) 2010-06-25

[11] **2,804,244**
[13] C

[51] **Int.Cl. H02M 5/04 (2006.01) H02K 3/28 (2006.01)**

[25] EN

[54] **CONVERTER AND ELECTRIC GENERATOR**

[54] **CONVERTISSEUR ET GENERATRICE ELECTRIQUE**

[72] OESTERHELD, JOERG, CH

[72] LECOMTE, THIERRY, FR

[72] SCHAEFER, RENE WILHELM, CH

[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH

[86] (2804244)

[87] (2804244)

[22] 2013-01-28

[30] EP (12290040.0) 2012-01-31

[11] **2,804,402**
[13] C

[51] **Int.Cl. C22F 1/10 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22F 1/16 (2006.01)**

[25] EN

[54] **NICKEL-BASE ALLOY, PROCESSING THEREFOR, AND COMPONENTS FORMED THEREOF**

[54] **ALLIAGE A BASE DE NICKEL, SON TRAITEMENT ET LES COMPOSANTS FORMES A PARTIR DUDIT ALLIAGE**

[72] MOURER, DAVID PAUL, US

[72] BAIN, KENNETH REES, US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2013-01-03

[86] 2011-07-08 (PCT/US2011/043313)

[87] (WO2012/047352)

[30] US (61/363,006) 2010-07-09

[30] US (13/099,641) 2011-05-03

[11] **2,804,955**
[13] C

[51] **Int.Cl. B29C 31/04 (2006.01) B29C 43/34 (2006.01)**

[25] EN

[54] **APPLICATOR DEVICE FOR PLASTIC MOULDING MACHINE**

[54] **DISPOSITIF APPLICATEUR POUR MACHINE DE MOULAGE PLASTIQUE**

[72] STILLWELL, NICHOLAS, GB

[72] RODLSBERGER, ALFRED, AT

[73] UPCYCLE HOLDINGS LIMITED, IE

[85] 2013-01-10

[86] 2011-07-13 (PCT/GB2011/001054)

[87] (WO2012/007717)

[30] GB (1011863.6) 2010-07-14

[11] **2,805,701**
[13] C

[51] **Int.Cl. G02B 26/10 (2006.01) G01P 13/02 (2006.01) G01S 17/10 (2006.01) G01S 17/95 (2006.01) G05D 1/06 (2006.01)**

[25] EN

[54] **LASER SCANNING APPARATUS AND METHOD OF USE**

[54] **APPAREIL DE BALAYAGE LASER ET PROCEDE POUR SON UTILISATION**

[72] BALL, STEPHEN LESLIE, GB

[73] RENISHAW PLC, GB

[85] 2013-01-16

[86] 2011-07-21 (PCT/GB2011/001090)

[87] (WO2012/010839)

[30] US (61/366,807) 2010-07-22

[11] **2,805,940**
[13] C

[51] **Int.Cl. B05B 7/08 (2006.01) B01F 5/06 (2006.01) B05B 7/04 (2006.01) B05B 7/10 (2006.01) B05C 17/005 (2006.01)**

[25] EN

[54] **STATIC SPRAY MIXER**

[54] **MELANGEUR A PULVERISATION STATIQUE**

[72] HIEMER, ANDREAS, CH

[72] STEMICH, CARSTEN, CH

[73] SULZER MIXPAC AG, CH

[85] 2013-01-18

[86] 2011-05-09 (PCT/EP2011/057378)

[87] (WO2012/010337)

[30] EP (10170139.9) 2010-07-20

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[11] 2,805,970
[13] C

[51] **Int.Cl. B05B 7/08 (2006.01) B01F 5/06 (2006.01) B05B 7/04 (2006.01) B05B 7/10 (2006.01) B05C 17/005 (2006.01)**

[25] EN

[54] **STATIC SPRAY MIXER**

[54] **MELANGEUR A PULVERISATION STATIQUE**

[72] HIEBER, ANDREAS, CH

[72] STEMIC, CARSTEN, CH

[73] SULZER MIXPAC AG, CH

[85] 2013-01-18

[86] 2011-05-09 (PCT/EP2011/057379)

[87] (WO2012/010338)

[30] EP (10170141.5) 2010-07-20

[11] 2,806,198
[13] C

[51] **Int.Cl. A61K 33/38 (2006.01) A61K 33/30 (2006.01) A61P 31/02 (2006.01)**

[25] EN

[54] **SILVER OXIDE FORMULATIONS HAVING IMPROVED WHITENESS CHARACTERISTICS**

[54] **FORMULATIONS D'OXYDE D'ARGENT AYANT DES CARACTERISTIQUES DE BLANCHEUR AMELIOREES**

[72] ANTELMAN, PERRY, US

[73] AIDANCE SKINCARE AND TOPICAL SOLUTIONS LLC, US

[85] 2013-01-14

[86] 2010-07-21 (PCT/IB2010/002024)

[87] (WO2011/010221)

[30] US (61/227,297) 2009-07-21

[30] GB (1003870.1) 2010-03-09

[11] 2,806,208
[13] C

[51] **Int.Cl. A61K 33/00 (2006.01) A61P 17/00 (2006.01) A61P 39/04 (2006.01)**

[25] EN

[54] **METHODS OF TREATING OR AMELIORATING DISEASES AND ENHANCING PERFORMANCE COMPRISING THE USE OF A MAGNETIC DIPOLE STABILIZED SOLUTION**

[54] **METHODES DESTINEES A TRAITER OU A AMELIORER DES MALADIES ET A RENFORCER LA PERFORMANCE COMPRENANT L'UTILISATION D'UNE SOLUTION STABILISEE PAR UN DIPOLE MAGNETIQUE**

[72] HAROON, ZISHAN, US

[72] DENOMME, BRIAN, US

[72] VAN WYK, HENK, US

[72] VAN WYK, MARIETTE, US

[72] KREBS, TRACY L., US

[72] OZGUR, SEZGIN, US

[72] LANGE, PETER, DE

[73] REVEN PHARMACEUTICALS, INC., US

[85] 2013-01-21

[86] 2011-07-22 (PCT/US2011/044947)

[87] (WO2012/012682)

[30] US (61/366,844) 2010-07-22

[30] US (61/366,853) 2010-07-22

[30] US (61/366,852) 2010-07-22

[30] US (61/366,845) 2010-07-22

[11] 2,806,338
[13] C

[51] **Int.Cl. B03D 1/14 (2006.01) B01F 3/00 (2006.01) B01F 7/00 (2006.01)**

[25] EN

[54] **FLOTATION MACHINE ROTOR**

[54] **ROTOR DE MACHINE DE FLOTTATION**

[72] BRIDSON, ROGER FARNWORTH, AU

[73] BRIDSON, ROGER FARNWORTH, AU

[85] 2013-01-23

[86] 2011-03-01 (PCT/AU2011/000224)

[87] (WO2011/106828)

[30] ZA (2010/01465) 2010-03-01

[11] 2,806,615
[13] C

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/174 (2014.01)**

[25] EN

[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, MEMORY MANAGING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, MEMORY MANAGING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**

[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE GESTION DE MEMOIRE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE GESTION DE MEMOIRE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**

[72] NISHI, TAKAHIRO, JP

[72] SHIBAHARA, YUJI, JP

[72] SASAI, HISAO, JP

[72] SUGIO, TOSHIYASU, JP

[73] SUN PATENT TRUST, US

[85] 2013-01-24

[86] 2012-01-12 (PCT/JP2012/000161)

[87] (WO2012/096186)

[30] US (61/432,683) 2011-01-14

[30] US (61/437,145) 2011-01-28

[11] 2,806,839
[13] C

[51] **Int.Cl. A61C 1/08 (2006.01) A61C 1/18 (2006.01) A61C 17/00 (2006.01) A61C 17/16 (2006.01)**

[25] EN

[54] **DENTAL DEVICE ADAPTER SYSTEM, DENTAL HYGIENE SYSTEM, AND METHOD OF OPERATING A DENTAL HYGIENE SYSTEM**

[54] **SYSTEME D'ADAPTEUR DE DISPOSITIF DENTAIRE, SYSTEME D'HYGIENE DENTAIRE, ET METHODE DE COMMANDE D'UN SYSTEME D'HYGIENE DENTAIRE**

[72] CHRONISTER, BEN, US

[72] KILE, JEREMY, US

[73] DENTSPLY INTERNATIONAL INC., US

[85] 2013-01-28

[86] 2011-04-08 (PCT/US2011/031675)

[87] (WO2011/127342)

[30] US (61/322,402) 2010-04-09

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[11] 2,809,286
[13] C

[51] **Int.Cl. G01N 9/36 (2006.01) G06T 7/10 (2017.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR IMAGE ANALYSIS OF SELECTED TISSUE STRUCTURES**

[54] **METHODE ET SYSTEMES D'ANALYSE D'IMAGES DE STRUCTURES TISSULAIRES SELECTIONNEES**

[72] ZEBAZE, ROGER, AU

[72] SEEMAN, EGO, AU

[72] MBALA, ALOYS, AU

[72] GHASEMZADEH, ALI, AU

[72] MACKIE, ELEANOR JEAN, AU

[72] BOHTE, ANNE, AU

[73] STRAXCORP PTY LTD, AU

[85] 2013-02-25

[86] 2010-09-10 (PCT/AU2010/001181)

[87] (WO2011/029153)

[30] AU (2009904407) 2009-09-11

[11] 2,809,541
[13] C

[51] **Int.Cl. F24V 30/00 (2018.01) C09K 5/18 (2006.01) F24H 1/22 (2006.01)**

[25] EN

[54] **AN APPARATUS FOR GENERATING HEAT**

[54] **APPAREIL DE GENERATION DE CHALEUR**

[72] COLLINS, MARK, GB

[73] COLLINS, MARK, GB

[85] 2013-02-26

[86] 2010-10-07 (PCT/GB2010/001884)

[87] (WO2011/042702)

[30] GB (0917546.4) 2009-10-07

[11] 2,809,709
[13] C

[51] **Int.Cl. F21V 21/14 (2006.01) F21S 4/28 (2016.01) A47F 11/10 (2006.01) F21V 21/30 (2006.01)**

[25] EN

[54] **ROTATIONAL MOUNTING FOR LINEAR LED LIGHT**

[54] **MONTAGE ROTATIF POUR ECLAIRAGE A DEL LINEAIRE**

[72] YANPING, LIU, CN

[73] CLEDLIGHT SEMICONDUCTOR LIGHTING CO., LTD., CN

[73] RAB DESIGN LIGHTING INC., CA

[86] (2809709)

[87] (2809709)

[22] 2013-03-14

[11] 2,810,888
[13] C

[51] **Int.Cl. F21V 19/00 (2006.01) F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) F21V 15/01 (2006.01)**

[25] EN

[54] **LED LIGHTING FIXTURE**

[54] **APPAREIL D'ECLAIRAGE A LED**

[72] WILCOX, KURT S., US

[72] GUILLIEN, WAYNE S., US

[72] TSAO, FRANK, AU

[73] CREE, INC., US

[85] 2013-03-06

[86] 2011-09-06 (PCT/US2011/050536)

[87] (WO2012/033754)

[30] US (12/876,817) 2010-09-07

[11] 2,811,180
[13] C

[51] **Int.Cl. H01Q 3/26 (2006.01) H01Q 1/52 (2006.01)**

[25] EN

[54] **METHODS, TESTING APPARATUSES AND DEVICES FOR REMOVING CROSS COUPLING EFFECTS IN ANTENNA ARRAYS**

[54] **PROCEDES, APPAREILS ET DISPOSITIFS D'ESSAI PERMETTANT DE SUPPRIMER LES EFFETS DE COUPLAGE PARASITE DANS DES RESEAUX D'ANTENNES**

[72] MCGOWAN, NEIL, CA

[72] DEANE, PETER, CA

[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.), SE

[85] 2013-03-12

[86] 2010-09-24 (PCT/IB2010/054322)

[87] (WO2012/038783)

[11] 2,811,659
[13] C

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 3/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DIFFERENTIATED ACCESS CONTROL**

[54] **PROCEDE ET APPAREIL POUR UNE COMMANDE D'ACCES DIFFERENCIEE**

[72] BROWN, MICHAEL KENNETH, CA

[72] BENDER, CHRISTOPHER LYLE, CA

[72] LITTLE, HERBERT ANTHONY, CA

[72] BROWN, MICHAEL STEPHEN, CA

[73] BLACKBERRY LIMITED, CA

[85] 2013-03-19

[86] 2011-09-23 (PCT/CA2011/001060)

[87] (WO2012/037658)

[30] US (61/386,270) 2010-09-24

[30] US (61/386,245) 2010-09-24

[30] US (61/386,689) 2010-09-27

[11] 2,812,077
[13] C

[51] **Int.Cl. B02C 17/18 (2006.01) B02C 17/24 (2006.01)**

[25] EN

[54] **DETERMINING THE FINENESS OF A GROUND MATERIAL, IN PARTICULAR AN ORE, IN A MILL**

[54] **DETERMINATION DU DEGRE DE BROYAGE D'UN PRODUIT A BROUER, NOTAMMENT D'UN MINERAL, DANS UN BROUEUR**

[72] MOCK, RANDOLF, DE

[72] HUBER, CHRISTOPH, DE

[72] LUGERT, GUENTER, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2013-03-12

[86] 2011-08-17 (PCT/EP2011/064131)

[87] (WO2012/034808)

[30] DE (10 2010 040 724.0) 2010-09-14

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[11] 2,813,151
[13] C

[51] **Int.Cl. A62B 1/10 (2006.01) A62B 35/04 (2006.01)**
[25] FR
[54] **CABLE WINDER FOR FALL-ARREST LIFELINE COMPRISING A BRAKE AND CABLE RESERVE**
[54] **ENROULEUR DE CABLE DE LIGNE DE SECURITE ANTICHUTE A FREIN ET RESERVE DE CABLE**
[72] COPIN, PATRICK, FR
[73] TRACTEL SAS, FR
[85] 2013-03-28
[86] 2011-09-29 (PCT/FR2011/052277)
[87] (WO2012/042180)
[30] FR (1057858) 2010-09-29

[11] 2,815,405
[13] C

[51] **Int.Cl. B66B 1/32 (2006.01) B66B 5/02 (2006.01) B66B 13/22 (2006.01)**
[25] EN
[54] **ELEVATOR SAFETY CIRCUIT**
[54] **CIRCUIT DE SECURITE D'ASCENSEUR**
[72] ABAD, JUAN CARLOS, CH
[73] INVENTIO AG, CH
[85] 2013-04-22
[86] 2011-10-20 (PCT/EP2011/068370)
[87] (WO2012/062553)
[30] EP (10190927.3) 2010-11-11

[11] 2,815,780
[13] C

[51] **Int.Cl. A23L 33/21 (2016.01) A23L 33/00 (2016.01) A23C 9/20 (2006.01) A61K 31/702 (2006.01) A61K 31/716 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **USE OF POLYDEXTROSE FOR SIMULATING THE FUNCTIONAL ATTRIBUTES OF HUMAN MILK OLIGOSACCHARIDES IN FORMULA-FED INFANTS**
[54] **UTILISATION DE LA POLYDEXTROSE POUR SIMULER LES CARACTERISTIQUES FONCTIONNELLES DES OLIGOSACCHARIDES DU LAIT MATERNEL, POUR DES BEBES ALLAITES ARTIFICIELLEMENT**
[72] PETSCHOW, BRYON W., US
[72] MCMAHON, ROBERT J., US
[72] RASTALL, ROBERT A., GB
[72] GIBSON, GLENN R., GB
[72] GEMMELL, RENIA, GB
[72] SAARELA, MARIA, FI
[72] AURA, ANNA-MARJA, FI
[73] MUN U.S. HOLDINGS LLC, US
[86] (2815780)
[87] (2815780)
[22] 2006-03-23
[62] 2,610,711
[30] US (60/686,390) 2005-06-01
[30] US (11/172,123) 2005-06-30

[11] 2,816,192
[13] C

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/28 (2006.01)**
[25] EN
[54] **SURGICAL FORCEPS**
[54] **PINCES CHIRURGICALES**
[72] HEARD, DAVID N., US
[72] MOUA, TONY, US
[72] ALEXANDER, SCOTT F., US
[72] RUSIN, CHRISTOPHER T., US
[72] COE, JONATHAN A., US
[72] KAPPUS, JOHN J., US
[72] MUELLER, PETER M., US
[72] SIRIANNE, RAYMOND A., US
[72] PAYNE, KELLIE F., US
[72] NAU, WILLIAM H., JR., US
[72] KERR, DUANE E., US
[73] COVIDIEN LP, US
[86] (2816192)
[87] (2816192)
[22] 2013-05-17
[30] US (13/537,517) 2012-06-29

[11] 2,816,559
[13] C

[51] **Int.Cl. C07D 403/06 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF 3-((PYRROL-2-YL)METHYLENE)-2-PYRROLONES USING 2-SILYLOXY-PYRROLES**
[54] **PROCEDES DE PREPARATION DE 3-((PYRROL-2-YL)METHYLENE)-2-PYRROLONES AU MOYEN DE 2-SILYLOXY-PYRROLES**
[72] HENSCHKE, JULIAN P., AU
[72] CHEN, YUNG-FA, CN
[73] SCINOPHARM (KUNSHAN) BIOCHEMICAL TECHNOLOGY CO., LTD., CN
[85] 2013-04-30
[86] 2010-11-01 (PCT/CN2010/001731)
[87] (WO2012/058780)

[11] 2,817,309
[13] C

[51] **Int.Cl. C10L 5/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DRYING COAL**
[54] **PROCEDES ET COMPOSITIONS DE SECHAGE DU CHARBON**
[72] HARSH, PHILIP, US
[72] HURLEY, MICHAEL, US
[72] JONES, ANDREW K., US
[72] SIKKA, VINOD K., US
[72] RICIGLIANO, JOSEPH W., US
[73] ROSS TECHNOLOGY CORPORATION, US
[85] 2013-05-08
[86] 2010-11-09 (PCT/US2010/056045)
[87] (WO2012/064324)

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[25] EN
[54] **CITRULLINATED PROTEINS: A POST-TRANSLATED MODIFICATION OF MYOCARDIAL PROTEINS AS MARKER OF PHYSIOLOGICAL AND PATHOLOGICAL DISEASE**
[54] **PROTEINES CITRULLINEES: MODIFICATION POST-TRADUCTION DE PROTEINES MYOCARDIQUES COMME MARQUEUR DE MALADIE PHYSIOLOGIQUE ET PATHOLOGIQUE**
[72] FERT-BOBER, JUSTYNA P., US
[72] VAN EYK, JENNIFER E., US
[73] CEDARS-SINAI MEDICAL CENTER, US
[85] 2013-05-13
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[13] C
- [51] **Int.Cl. B64D 45/02 (2006.01) B64D 37/32 (2006.01) H01R 3/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE BUSHING CONNECTION TO STRUCTURE FOR CURRENT PATH**
[54] **CONNEXION DE TRAVERSEE ELECTRIQUEMENT CONDUCTRICE A STRUCTURE POUR TRAJET DE COURANT**
[72] FISHER, ROBERT E., US
[72] IRWIN, JAMES P., US
[73] THE BOEING COMPANY, US
[85] 2013-05-16
[86] 2011-11-11 (PCT/US2011/060363)
[87] (WO2012/082278)
[30] US (12/970,827) 2010-12-16

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[13] C
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[25] EN
[54] **METHOD FOR PRODUCING 2-BROMO-4,5-DIALKOXY BENZOIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE 2-BROMO-4,5-DIALKOXYBENZOIQUE**
[72] NAKAO, RYU, JP
[73] ZERIA PHARMACEUTICAL CO., LTD., JP
[85] 2013-05-27
[86] 2011-12-06 (PCT/JP2011/078169)
[87] (WO2012/077673)
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[54] **HAND TAMPER FOR TAMPING A TRACK**
[54] **BOURROIR MANUEL POUR LE BOURRAGE D'UNE VOIE FERREE**
[72] WIDLROTH, OTTO, DE
[73] ROBEL BAHNBAUMASCHINEN GMBH, DE
[85] 2013-05-28
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- [51] **Int.Cl. A01G 31/06 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **A CONTAINER**
[54] **RECIPIENT**
[72] PANOPOULOS, GREG, AU
[72] LEONARDO, DANIEL, AU
[73] NUTRIFIELD PTY LTD, AU
[85] 2013-06-03
[86] 2012-04-11 (PCT/AU2012/000369)
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[25] EN
[54] **CAST CEILING TILE**
[54] **CARREAU DE PLAFOND COULE**
[72] YU, QING CLAIRE, US
[72] CAO, BANGJI, US
[72] PALM, GREGORY O., US
[73] USG INTERIORS, LLC, US
[85] 2013-06-18
[86] 2011-12-09 (PCT/US2011/064124)
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[25] EN
[54] **METHOD OF MODERNISING A LIFT INSTALLATION**
[54] **PROCEDE DE MODERNISATION D'UNE INSTALLATION D'ASCENSEUR**
[72] FRIEDLI, PAUL, CH
[72] TAIANA, DENNY, CH
[73] INVENTIO AG, CH
[85] 2013-06-26
[86] 2012-03-16 (PCT/EP2012/054695)
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- [25] EN
- [54] **METHOD AND APPARATUS FOR A MID-INFRARED (MIR) SYSTEM FOR REAL TIME DETECTION OF PETROLEUM IN COLLOIDAL SUSPENSIONS OF SEDIMENTS AND DRILLING MUDS DURING DRILLING, LOGGING, AND PRODUCTION OPERATIONS**
- [54] **METHODE ET APPAREIL POUR UN SYSTEME DANS L'INFRAROUGE MOYEN (IR MOYEN) POUR LA DETECTION EN TEMPS REEL DE PETROLE DANS DES SUSPENSIONS COLLOIDALES DE SEDIMENTS ET DES BOUES DE FORAGE LORS DES OPERATIONS DE FORAGE, DE DIAGNAPHIE ET DE PRODUCTION**
- [72] SZOBOTA, JOHN S., US
[72] BROWN, JAMES M., US
[72] WALTERS, CLIFFORD C., US
[72] DISKO, MARK M., US
[72] MIZAIOFF, BORIS, DE
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
- [85] 2013-07-03
[86] 2011-12-08 (PCT/US2011/063906)
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- [25] EN
- [54] **MULTIPARTY WATERMARKING METHOD AND SYSTEM**
- [54] **PROCEDE ET SYSTEME DE FILIGRANAGE MULTI-PARTICIPANT**
- [72] WAJS, ANDREW AUGUSTINE, NL
[72] JARNIKOV, DMITRI, NL
[73] IRDETO B.V., NL
- [85] 2013-07-10
[86] 2011-01-14 (PCT/EP2011/050464)
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[13] C
- [51] **Int.Cl. G03F 7/00 (2006.01) C12M 1/32 (2006.01)**
- [25] EN
- [54] **SYSTEMS AND METHODS FOR MICRO-CONTACT STAMPING**
- [54] **SYSTEMES ET PROCEDES POUR MICROTAMPONNAGE**
- [72] MCGEEHAN, JOHN K., US
[73] ASCENDANCE BIOTECHNOLOGY, INC., US
- [85] 2013-07-19
[86] 2012-01-13 (PCT/US2012/021214)
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- [25] EN
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- [54] **MELANGES DE REBAUDIOSIDE-MOGROSIDE V**
- [72] BRIDGES, JOHN R., US
[72] CARLSON, ALFRED, US
[72] POIRTE, BRIAN TIMOTHY, US
[72] QUINLAN, MARY, GB
[72] SCHUNK, TIMOTHY C., US
[72] TEJADA, ELBER F., US
[72] ZHOU, SHELLY YUQING, US
[73] TATE & LYLE INGREDIENTS AMERICAS LLC, US
- [85] 2013-07-25
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[30] US (61/437,399) 2011-01-28

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- [51] **Int.Cl. G07C 3/00 (2006.01) G01R 31/00 (2006.01)**
- [25] EN
- [54] **DEVICES AND METHODS FOR DIAGNOSIS OF ELECTRONIC BASED PRODUCTS**
- [54] **TETE D'ABATTAGE DE SCIE CIRCULAIRE DOTE D'UNE OUVERTURE DE VISIBILITE**
- [72] CREPET, GILLES, FR
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
- [86] (2826357)
[87] (2826357)
[22] 2013-09-05
[30] EP (12290300.8) 2012-09-12

- [11] 2,828,693
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- [25] EN
- [54] **POLYETHER HYBRID EPOXY CURATIVES**
- [54] **AGENTS DE DURCISSEMENT A BASE D'EPOXY HYBRIDE POLYETHERE**
- [72] AUDENAERT, FRANS A., BE
[72] HUTCHINSON, MARTIN A., GB
[72] ROBINSON, IAN, GB
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
- [85] 2013-08-29
[86] 2012-02-03 (PCT/US2012/023763)
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[30] EP (11157025.5) 2011-03-04

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- [25] EN
- [54] **METHOD FOR OLEFINS PRODUCTION**
- [54] **PROCEDE DE PRODUCTION D'OLEFINES**
- [72] PALO, EMMA, IT
[72] IAQUANIELLO, GAETANO, IT
[73] STAMICARBON B.V. ACTING UNDER THE NAME OF MT INNOVATION CENTER, NL
- [85] 2013-09-18
[86] 2012-03-28 (PCT/NL2012/050201)
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[25] EN
[54] METHOD, SOLVENT FORMULATION, AND APPARATUS FOR THE MEASUREMENT OF THE SALT CONTENT IN PETROLEUM FLUIDS
[54] PROCEDE, FORMULATION DE SOLVANT ET APPAREIL POUR LA MESURE DE LA TENEUR EN SEL DE FLUIDES PETROLIERS
[72] DUVAL, SEBASTIEN A., SA
[72] LESS, SIMONE, SA
[72] TAMMANA, VEERA VENKATA R., SA
[72] VILAGINES, REGIS D., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-10-28
[86] 2012-05-15 (PCT/US2012/037925)
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[30] US (13/110,040) 2011-05-18

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[13] C

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[25] EN
[54] METHOD AND SYSTEM FOR METHANE SEPARATION AND PURIFICATION FROM A BIOGAS
[54] PROCEDE ET SYSTEME DE SEPARATION ET DE PURIFICATION DU METHANE A PARTIR D'UN BIOGAZ
[72] SIEGEL, STANLEY M., US
[72] SIEGEL, DENNIS C., US
[73] A.R.C. TECHNOLOGIES CORPORATION, US
[85] 2013-10-29
[86] 2011-05-16 (PCT/US2011/036643)
[87] (WO2012/148431)
[30] US (13/097,843) 2011-04-29

[11] 2,835,065
[13] C

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[25] EN
[54] APPARATUS FOR LOADING DOSIMETRICALLY CUSTOMIZABLE BRACHYTHERAPY CARRIERS
[54] APPAREIL POUR CHARGER LES APPLICATEURS DE CURIETHERAPIE A DOSES PERSONNALISABLES
[72] NAKAJI, PETER, US
[72] MCBRIDE, HEYOUNG, US
[72] YOUSSEF, EMAD, US
[72] THOMAS, THERESA, US
[72] BRACHIMAN, DAVID, US
[73] NAKAJI, PETER, US
[73] MCBRIDE, HEYOUNG, US
[73] YOUSSEF, EMAD, US
[73] THOMAS, THERESA, US
[73] BRACHIMAN, DAVID, US
[85] 2013-11-04
[86] 2012-04-30 (PCT/US2012/035909)
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[30] US (61/480,304) 2011-04-28

[11] 2,835,918
[13] C

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[25] EN
[54] MONOLITHIC CONTACTOR AND ASSOCIATED SYSTEM AND METHOD FOR COLLECTING CARBON DIOXIDE
[54] CONTACTEUR MONOLITHIQUE ET SYSTEME ET METHODE ASSOCIES POUR LA COLLECTE DE DIOXYDE DE CARBONE
[72] WALLMAN, DANIEL JERED, US
[72] GALASSO, D. ANTHONY, US
[72] MAGNUSON, JON ALLAN, US
[72] GRAYSON, GARY D., US
[72] CROOKS, TAB HUNTER, US
[73] THE BOEING COMPANY, US
[86] (2835918)
[87] (2835918)
[22] 2013-12-05
[30] US (13/767,198) 2013-02-14

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[13] C

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[25] EN
[54] METHOD AND APPARATUS TO MINIMIZE AIR-SLURRY SEPARATION DURING GYPSUM SLURRY FLOW
[54] PROCEDE ET APPAREIL POUR REDUIRE AU MINIMUM LA SEPARATION D'UNE SUSPENSION ET DE L'AIR DANS UN ECOULEMENT DE SUSPENSION DE PLATRE
[72] LI, ALFRED, US
[72] LEE, CHRIS C., US
[72] NELSON, CHRIS, US
[72] CHAN, CESAR, US
[72] SONG, WEIXIN DAVID, US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2013-11-14
[86] 2012-05-16 (PCT/US2012/038037)
[87] (WO2012/166357)
[30] US (13/151,749) 2011-06-02

[11] 2,837,201
[13] C

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[25] EN
[54] CATALYSTS FOR PETROCHEMICAL CATALYSIS
[54] CATALYSEURS POUR CATALYSE PETROCHIMIQUE
[72] CIZERON, JOEL M., US
[72] SCHER, ERIK C., US
[72] ZURCHER, FABIO R., US
[72] SCHAMMEL, WAYNE P., US
[72] NYCE, GREG, US
[72] RUMPLECKER, ANJA, US
[72] MCCORMICK, JAROD, US
[72] ALCID, MARIAN, US
[72] GAMORAS, JOEL, US
[72] ROSENBERG, DANIEL, US
[72] RAS, ERIK-JAN, NL
[73] SILURIA TECHNOLOGIES, INC., US
[85] 2013-11-22
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[87] (WO2012/162526)
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[25] EN

[54] **VIRTUAL PERFORMANCE SYSTEM**

[54] **SYSTEME DE PERFORMANCE VIRTUELLE**

[72] WALLING, WILLOUGHBY HAYDEN, US

[73] NIKE INNOVATE C.V., US

[85] 2013-12-02

[86] 2012-06-07 (PCT/US2012/041367)

[87] (WO2012/170696)

[30] US (61/494,310) 2011-06-07

[11] **2,838,024**
[13] C

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[54] **VIRTUAL PERFORMANCE SYSTEM**

[54] **SYSTEME DE PERFORMANCE VIRTUELLE**

[72] WALLING, WILLOUGHBY HAYDEN, US

[73] NIKE INNOVATE C.V., US

[85] 2013-12-02

[86] 2012-06-07 (PCT/US2012/041370)

[87] (WO2012/170698)

[30] US (61/494,310) 2011-06-07

[11] **2,838,735**
[13] C

[51] **Int.Cl. F16L 39/00 (2006.01) F16L 9/18 (2006.01) F16L 13/00 (2006.01) F16L 47/02 (2006.01)**

[25] EN

[54] **CONNECTIONS OF LINED PIPE**

[54] **RACCORDEMENTS DE TUYAUX REVETUS**

[72] COMPTON, TED, US

[72] WILSON, DOUGLASS FAIRFAX, US

[72] METCALF, BRENNAN, US

[73] UNITED PIPELINE SYSTEMS, INC., US

[85] 2013-12-06

[86] 2012-06-20 (PCT/US2012/043345)

[87] (WO2012/177558)

[30] US (61/499,387) 2011-06-21

[11] **2,839,150**
[13] C

[51] **Int.Cl. G06Q 20/32 (2012.01) H04W 4/24 (2018.01) H04W 12/06 (2009.01) G06Q 20/40 (2012.01)**

[25] EN

[54] **PAYMENT SELECTION AND AUTHORIZATION BY A MOBILE DEVICE**

[54] **SELECTION ET AUTORISATION DE PAIEMENT PAR UN DISPOSITIF MOBILE**

[72] HANSON, ROBERT, US

[72] SEELEY, BRAD L., US

[73] AMAZON TECHNOLOGIES, INC., US

[85] 2013-12-11

[86] 2012-06-26 (PCT/US2012/044246)

[87] (WO2013/003372)

[30] US (13/170,121) 2011-06-27

[30] US (13/170,144) 2011-06-27

[11] **2,839,497**
[13] C

[51] **Int.Cl. B23B 5/18 (2006.01) B23C 3/06 (2006.01) B23Q 39/02 (2006.01) B23Q 39/04 (2006.01)**

[25] EN

[54] **MACHINE AND METHOD FOR MACHINING CRANKSHAFTS**

[54] **MACHINE ET PROCEDE D'USINAGE DE VILEBREQUINS**

[72] IBARRA GARCES, JORGE, ES

[72] IRIBARREN ARISTIZABAL, IBON, ES

[73] ETXE-TAR, S.A., ES

[85] 2013-12-16

[86] 2011-06-17 (PCT/ES2011/070432)

[87] (WO2012/172125)

[11] **2,840,513**
[13] C

[51] **Int.Cl. C12N 15/39 (2006.01) A61K 35/76 (2015.01) A61K 39/275 (2006.01) A61K 48/00 (2006.01) A61P 31/20 (2006.01) A61P 37/04 (2006.01) C07K 14/065 (2006.01) C07K 14/07 (2006.01) C12N 7/01 (2006.01) C12N 15/863 (2006.01)**

[25] EN

[54] **RECOMBINANT PROTEINS OF PARAPOXVIRUS OVIS AND PHARMACEUTICAL COMPOSITIONS THEREFROM**

[54] **PROTEINES RECOMBINEES DE PARAPOXVIRUS OVIS ET COMPOSITIONS PHARMACEUTIQUES PRODUITES A PARTIR DE CELLES-CI**

[72] WEBER, OLAF, DE

[72] FRIEDERICH, SONJA MARIA, DE

[72] SIEGLING, ANGELA, AU

[72] SCHLAPP, TOBIAS, DE

[72] MERCER, ANDREW ALLAN, NZ

[72] FLEMING, STEPHEN BRUCE, NZ

[72] VOLK, HANS-DIETER, DE

[73] AICURIS GMBH & CO. KG, DE

[86] (2840513)

[87] (2840513)

[22] 2002-12-17

[62] 2,510,049

[11] **2,840,719**
[13] C

[51] **Int.Cl. C07K 14/78 (2006.01) A61K 38/04 (2006.01)**

[25] FR

[54] **ANTAGONIST PEPTIDE OF THE BOND BETWEEN CD47 AND A PROTEIN BELONGING TO THE THROMBOSPONDIN FAMILY**

[54] **PEPTIDE ANTAGONISTE DE LA LIAISON ENTRE LE CD47 ET UNE PROTEINE APPARTENANT A LA FAMILLE DES THROMBOSPONDINES**

[72] DEDIEU, STEPHANE, FR

[72] FLOQUET, NICOLAS, FR

[72] MARTINY, LAURENT, FR

[72] SCHNEIDER, CHRISTOPHE, FR

[72] JEANNE, ALBIN, FR

[72] SICK, EMILIE, FR

[72] DAUCHEZ, MANUEL, FR

[73] UNIVERSITE DE REIMS CHAMPAGNE ARDENNE, FR

[85] 2013-12-30

[86] 2012-07-06 (PCT/FR2012/051593)

[87] (WO2013/007933)

[30] FR (1156237) 2011-07-08

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[25] EN

[54] HIGH-PURITY YTTRIUM, PROCESS OF PRODUCING HIGH-PURITY YTTRIUM, HIGH-PURITY YTTRIUM SPUTTERING TARGET, METAL GATE FILM DEPOSITED WITH HIGH-PURITY YTTRIUM SPUTTERING TARGET, AND SEMICONDUCTOR ELEMENT AND DEVICE EQUIPPED WITH THE METAL GATE FILM

[54] YTTRIUM DE PURETE ELEVEE, PROCEDE DE FABRICATION D'YTTRIUM DE PURETE ELEVEE, CIBLE DE PULVERISATION CATHODIQUE D'YTTRIUM DE PURETE ELEVEE, FILM DE GRILLE METALLIQUE DEPOSE AVEC UNE CIBLE DE PULVERISATION CATHODIQUE D'YTTRIUM DE PURETE ELEVEE ET ELEMENT SEMI-CONDUCTEUR ET DISPOSITIF A SEMI-CONDUCTEURS EQUIPES DUDIT FILM DE GRILLE METALLIQUE

[72] TAKAHATA, MASAHIRO, JP

[73] JX NIPPON MINING & METALS CORPORATION, JP

[85] 2013-12-30

[86] 2011-09-15 (PCT/JP2011/071131)

[87] (WO2013/005349)

[30] JP (2011-150067) 2011-07-06

[11] 2,841,266
[13] C

[51] Int.Cl. B65D 1/30 (2006.01) B65D 21/02 (2006.01) B65D 77/04 (2006.01) B65D 81/36 (2006.01)

[25] EN

[54] PACKAGES FOR CONSUMABLE PRODUCTS AND METHODS FOR USING SAME

[54] EMBALLAGES POUR PRODUITS CONSOMMABLES ET LEURS PROCEDES D'UTILISATION

[72] WILMERS, KIMBERLY ANN, US

[72] O'CONNOR, CLARA ELEANOR GRAINNE, SE

[72] WURTH, STEPHEN ANDREW, US

[72] GASPERSON, BETHANIE LYNN, US

[72] KIM, KI SUN, US

[72] JAMES, THOMAS, US

[73] NESTEC S.A., CH

[85] 2014-01-08

[86] 2012-07-10 (PCT/US2012/046029)

[87] (WO2013/009732)

[30] US (61/507,101) 2011-07-12

[11] 2,842,154
[13] C

[51] Int.Cl. H04B 7/26 (2006.01) H04J 11/00 (2006.01)

[25] EN

[54] METHOD AND SYSTEM FOR CONTROL FORMAT DETECTION IN HETEROGENEOUS CELLULAR NETWORKS

[54] PROCEDE ET SYSTEME DE DETECTION DU FORMAT DE COMMANDE DANS DES RESEAUX CELLULAIRES HETEROGENES

[72] SONG, YI, US

[72] BONTU, CHANDRA, CA

[72] HEO, YOUNG HYOUNG, CA

[72] BLANKENSHIP, YUFEI WU, US

[72] YU, YI, US

[72] CAL, ZHIJUN, US

[73] BLACKBERRY LIMITED, CA

[85] 2014-01-16

[86] 2012-06-08 (PCT/US2012/041681)

[87] (WO2013/015891)

[30] US (13/193,023) 2011-07-28

[11] 2,842,630
[13] C

[51] Int.Cl. H02J 7/00 (2006.01) H01M 10/613 (2014.01) H01M 10/625 (2014.01) B60L 11/18 (2006.01) H01M 10/44 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR RECHARGING ELECTRIC VEHICLE BATTERIES

[54] SYSTEME ET PROCEDE DE RECHARGE DE BATTERIES D'UN VEHICULE ELECTRIQUE

[72] DYER, CHRISTOPHER K., US

[72] EPSTEIN, MICHAEL L., US

[72] CULVER, DUNCAN, US

[73] LIGHTENING ENERGY, US

[85] 2014-01-21

[86] 2012-06-26 (PCT/US2012/044213)

[87] (WO2013/015925)

[30] US (13/190,197) 2011-07-25

[11] 2,843,020
[13] C

[51] Int.Cl. H04N 21/235 (2011.01) H04H 60/02 (2009.01) H04W 80/10 (2009.01) H04N 21/233 (2011.01) H04L 12/12 (2006.01)

[25] EN

[54] A SYSTEM AND METHOD FOR BROADCASTING CAPTIONS

[54] SYSTEME ET PROCEDE POUR LA DIFFUSION DE SOUS-TITRES

[72] GAMMON, SCOTT, CA

[73] BLACKBERRY LIMITED, CA

[85] 2014-01-24

[86] 2011-07-28 (PCT/CA2011/000868)

[87] (WO2013/013284)

[11] 2,843,161
[13] C

[51] Int.Cl. B27M 3/02 (2006.01) B27M 1/00 (2006.01)

[25] EN

[54] OBSTRUCTION DETECTION DEVICE

[54] DISPOSITIF DE DETECTION D'OBSTRUCTION

[72] KANJEE, MANISH C., US

[72] CARROLL, VICKY DIANE, US

[73] MITEK HOLDINGS, INC., US

[86] (2843161)

[87] (2843161)

[22] 2014-02-18

[30] US (13/782,435) 2013-03-01

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[13] C
- [51] Int.Cl. A61K 51/04 (2006.01) A61K 49/00 (2006.01) C07H 13/02 (2006.01)
[25] EN
[54] **COMPOSITIONS, METHODS OF SYNTHESIS AND USE OF CARBOHYDRATE TARGETED AGENTS**
[54] **COMPOSITIONS, PROCEDES DE SYNTHESE ET UTILISATION D'AGENTS CIBLES SUR LES GLUCIDES**
[72] TWOROWSKA, IZABELA, US
[72] SIMS-MOURTADA, JENNIFER, US
[72] DELPASSAND, EBRAHIM S., US
[73] RADIOMEDIX INC., US
[85] 2014-01-28
[86] 2012-06-20 (PCT/US2012/043255)
[87] (WO2012/177701)
[30] US (61/498,950) 2011-06-20

- [11] 2,844,104
[13] C
- [51] Int.Cl. E21C 31/00 (2006.01) E21B 7/02 (2006.01) E21B 15/00 (2006.01) E21B 19/00 (2006.01)
[25] EN
[54] **ALL ELECTRIC POWERED MOBILE JUMBO DRILL MACHINE**
[54] **FOREUSE JUMBO MOBILE A ALIMENTATION ENTIEREMENT ELECTRIQUE**
[72] RUDINEC, STEPHEN A., US
[73] LAKE SHORE SYSTEMS, INC., US
[85] 2014-02-03
[86] 2012-08-17 (PCT/US2012/051456)
[87] (WO2013/028558)
[30] US (13/216,390) 2011-08-24

- [11] 2,845,776
[13] C
- [51] Int.Cl. G05D 1/02 (2006.01) B66F 9/06 (2006.01) G01C 21/00 (2006.01)
[25] EN
[54] **METHOD AND APPARATUS FOR USING UNIQUE LANDMARKS TO LOCATE INDUSTRIAL VEHICLES AT START-UP**
[54] **PROCEDE ET APPAREIL D'UTILISATION DE REPERES TERRESTRES UNIQUES POUR LOCALISER DES VEHICULES INDUSTRIELS AU DEMARRAGE**
[72] WONG, LISA, NZ
[72] GRAHAM, ANDREW EVAN, NZ
[72] GOODE, CHRISTOPHER W., NZ
[72] WALTZ, LUCAS B., US
[73] CROWN EQUIPMENT CORPORATION, US
[85] 2014-02-18
[86] 2012-08-24 (PCT/US2012/052247)
[87] (WO2013/032895)
[30] US (13/219,271) 2011-08-26

- [11] 2,845,819
[13] C
- [51] Int.Cl. A47K 7/08 (2006.01) A47K 3/26 (2006.01) A61H 35/00 (2006.01) E03D 9/08 (2006.01)
[25] EN
[54] **HANDHELD BIDET**
[54] **BIDET PORTATIF**
[72] JONES, CHAD H., US
[72] PENDLETON, JUSTIN D., US
[72] FAVE, FRANCIS L., US
[72] SINGER, DAVID C., US
[73] DANCO, INC., US
[86] (2845819)
[87] (2845819)
[22] 2014-03-12
[30] US (13/832,779) 2013-03-15

- [11] 2,846,239
[13] C
- [51] Int.Cl. H04W 12/06 (2009.01)
[25] EN
[54] **WIRELESS COMMUNICATION USING CONCURRENT RE-AUTHENTICATION AND CONNECTION SETUP**
[54] **COMMUNICATION SANS FIL S'EXECUTANT AU MOYEN D'UN PARAMETRAGE DE CONNEXION ET DE REAUTHENTIFICATION SIMULTANE**
[72] CHERIAN, GEORGE, US
[72] HAWKES, PHILIP MICHAEL, US
[72] MALINEN, JOUNI, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] PALANIGOUNDER, ANAND, US
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-21
[86] 2012-09-12 (PCT/US2012/054870)
[87] (WO2013/040039)
[30] US (61/533,627) 2011-09-12
[30] US (61/535,234) 2011-09-15
[30] US (61/583,052) 2012-01-04
[30] US (61/606,794) 2012-03-05
[30] US (61/611,553) 2012-03-15
[30] US (61/645,987) 2012-05-11
[30] US (13/610,718) 2012-09-11

- [11] 2,847,278
[13] C
- [51] Int.Cl. A61K 8/36 (2006.01) A61K 8/34 (2006.01) A61Q 5/00 (2006.01) A61Q 5/06 (2006.01) A61Q 19/00 (2006.01)
[25] EN
[54] **PERSONAL CARE COMPOSITION COMPRISING BUTYLATED HYDROXYANISOLE COMPOUND**
[54] **COMPOSITION DE SOINS PERSONNELS COMPRENANT UN COMPOSE D'HYDROXYANISOLE BUTYLE**
[72] FLOHR, ANDREAS, DE
[72] KRIPP, THOMAS, DE
[72] MOTLEY, CURTIS BOBY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-02-28
[86] 2012-08-30 (PCT/US2012/052966)
[87] (WO2013/033282)
[30] US (61/530,589) 2011-09-02
[30] EP (12177613.2) 2012-07-24

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[13] C

[51] **Int.Cl. H05B 1/02 (2006.01) H01L 21/67 (2006.01) H05B 3/26 (2006.01)**
[25] EN
[54] **HIGH DEFINITION HEATER SYSTEM HAVING A FLUID MEDIUM**
[54] **SYSTEME DE CHAUFFAGE HAUTE DEFINITION A MILIEU FLUIDE**
[72] SMITH, KEVIN ROBERT, US
[72] PTASIENSKI, KEVIN, US
[72] DERLER, RAY ALAN, US
[72] SWANSON, CAL THOMAS, US
[72] SCHMIDT, PHILIP STEVEN, US
[72] NOSRATI, MOHAMMAD, US
[72] LINDLEY, JACOB ROBERT, US
[72] BOLDT, ALLEN NORMAN, US
[72] ZHANG, SANHONG, US
[72] STEINHAUSER, LOUIS P., US
[72] GRIMARD, DENNIS STANLEY, US
[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2014-02-28
[86] 2012-08-30 (PCT/US2012/053137)
[87] (WO2013/033394)
[30] US (61/528,939) 2011-08-30
[30] US (61/635,310) 2012-04-19

[11] 2,847,674
[13] C

[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **AUCTION METHOD AND SERVER THAT ESTABLISHES A SALES PRICE AT THE LOWEST BIDDING PRICE AMONG BIDDING PRICES OF THE SELECTED WINNING BIDDERS FOR ALL WINNING BIDDERS SATISFYING AN AUCTION CONDITION**
[54] **METHODE DE VENTE AUX ENCHERES ET SERVEUR QUI ETABLIT UN PRIX DE VENTE SELON LE PRIX OFFERT LE PLUS BAS PARMI LES PRIX OFFERTS DES OFFRES GAGNANTES SELECTIONNEES POUR TOUTES LES OFFRES GAGNANTES SATISFAISANT UNE CONDITION DE VENTE AUX ENCHERES**
[72] LEE, JEONG GAB, KR
[73] LEE, JEONG GAB, KR
[85] 2014-03-04
[86] 2012-03-13 (PCT/KR2012/001812)
[87] (WO2013/039284)
[30] KR (10-2011-0092472) 2011-09-14

[11] 2,848,412
[13] C

[51] **Int.Cl. B01D 5/00 (2006.01)**
[25] EN
[54] **BUBBLE-COLUMN VAPOR MIXTURE CONDENSER**
[54] **CONDENSEUR DE MELANGE DE VAPEUR A COLONNE A BULLES**
[72] GOVINDAN, PRAKASH, US
[72] THIEL, GREGORY, US
[72] MCGOVERN, RONAN, US
[72] LIENHARD, JOHN, US
[72] ELSHARQAWY, MOSTAFA, SA
[73] KING FAHD UNIVERSITY OF PETROLEUM & MINERALS, SA
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2014-03-10
[86] 2012-09-18 (PCT/US2012/055861)
[87] (WO2013/043568)
[30] US (13/241,907) 2011-09-23
[30] US (13/548,166) 2012-07-12

[11] 2,848,745
[13] C

[51] **Int.Cl. A61M 16/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAINTAINING PATIENT TEMPERATURE DURING A PROCEDURE**
[54] **APPAREIL ET PROCEDE DE MAINTIEN DE LA TEMPERATURE D'UN PATIENT DURANT UNE INTERVENTION CHIRURGICALE**
[72] DUNLOP, COLIN, AU
[73] DUNLOP, COLIN, AU
[85] 2014-03-14
[86] 2012-09-14 (PCT/AU2012/001103)
[87] (WO2013/037004)
[30] AU (2011903770) 2011-09-14
[30] AU (2012903900) 2012-09-07

[11] 2,848,804
[13] C

[51] **Int.Cl. B01F 3/02 (2006.01) B01F 5/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC GAS MIXTURE PRODUCTION**
[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION DYNAMIQUE D'UN MELANGE GAZEUX**
[72] PONGRAZ, JOHANN, DE
[72] KIHUMBUI, DAVID, DE
[72] JACKSIER, TRACEY, US
[72] MULLER, DENIS, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2014-03-14
[86] 2012-08-17 (PCT/EP2012/066114)
[87] (WO2013/037601)
[30] EP (11181671.6) 2011-09-16

[11] 2,850,463
[13] C

[51] **Int.Cl. C25B 9/08 (2006.01) C02F 1/44 (2006.01) C02F 1/46 (2006.01)**
[25] EN
[54] **APPARATUS FOR PRODUCING REDUCING WATER**
[54] **APPAREIL DE PRODUCTION D'EAU DE REDUCTION**
[72] KWAK, HYUN SUK, KR
[72] KO, YOUNG CHUL, KR
[72] YUN, YOUNG UK, KR
[72] KIM, TAE GYU, KR
[72] LIM, CHANG BAE, KR
[73] SAMSUNG ELECTRONICS CO. LTD., KR
[85] 2014-03-28
[86] 2012-09-26 (PCT/KR2012/007730)
[87] (WO2013/051810)
[30] KR (10-2011-0100967) 2011-10-05
[30] KR (10-2012-0093967) 2012-08-27

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[11] 2,850,504
[13] C

[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON ASSEMBLIES HAVING CONTROLLABLY VARIABLE TOPOGRAPHIES**
[54] **ENSEMBLES BALLONNETS PRESENTANT DES TOPOGRAPHIES A VARIATION CONTROLABLE**

[72] BACINO, JOHN E., US
[72] CAMPBELL, CAREY V., US
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] PAGET, DOUGLAS S., US
[72] SHAW, EDWARD E., US
[72] SQUERI, JOHN M., US
[72] TRAPP, BENJAMIN M., US
[72] VONESII, MICHAEL J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-03-28
[86] 2012-10-05 (PCT/US2012/059024)
[87] (WO2013/066566)
[30] US (61/545,039) 2011-10-07
[30] US (13/645,414) 2012-10-04

[11] 2,851,769
[13] C

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/48 (2006.01)**
[25] EN
[54] **LOCKABLE SYRINGE AND METHOD OF ASSEMBLING SAME**
[54] **SERINGUE VERROUILLABLE ET PROCEDE D'ASSEMBLAGE DE CELLE-CI**

[72] KANNER, ROWLAND W., US
[72] ROBERTS, BRIAN A., US
[73] ATRION MEDICAL PRODUCTS, INC., US
[86] (2851769)
[87] (2851769)
[22] 2014-05-14
[30] US (61/824,243) 2013-05-16
[30] US (14/204,980) 2014-03-11

[11] 2,851,800
[13] C

[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0432 (2006.01) A61B 5/044 (2006.01)**
[25] EN
[54] **SENSING ZONE FOR SPATIALLY RELEVANT ELECTRICAL INFORMATION**
[54] **ZONE DE DETECTION POUR UNE INFORMATION ELECTRIQUE PERTINENTE DANS L'ESPACE**

[72] JIA, PING, US
[72] RAMANATHAN, CHARULATHA, US
[72] STROM, MARIA, US
[72] GEORGE, BRIAN P., US
[72] BIHETWAL, LALITA, US
[72] WODLINGER, HAROLD, CA
[72] SMALL, JONATHAN D., US
[73] CARDIOINSIGHT TECHNOLOGIES, INC., US
[85] 2014-04-10
[86] 2012-10-12 (PCT/US2012/059957)
[87] (WO2013/056050)
[30] US (61/546,083) 2011-10-12

[11] 2,852,328
[13] C

[51] **Int.Cl. E04F 13/21 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **VERTICALLY ADJUSTABLE DISENGAGEMENT PREVENTION VENEER TIE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **ATTACHE DE CONTREPLAQUE REGLABLE VERTICALEMENT EMPECHANT LE DEGAGEMENT ET LE MECANISME D'ANCRAGE ASSOCIE**

[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2852328)
[87] (2852328)
[22] 2014-05-27
[30] US (13/930,866) 2013-06-28

[11] 2,854,492
[13] C

[51] **Int.Cl. A47F 1/03 (2006.01) A47F 3/08 (2006.01)**
[25] EN
[54] **MERCHANDISE PUSHER TRAY WITH ADJUSTABLE SIDE BARRIERS**
[54] **PLATEAU POUSSOIR DE MARCHANDISE A BARRIERES LATERALES REGLABLES**

[72] NAGEL, THOMAS O., US
[73] SOUTHERN IMPERIAL LLC, US
[85] 2014-05-02
[86] 2012-10-24 (PCT/US2012/061622)
[87] (WO2013/066686)
[30] US (13/288,058) 2011-11-03

[11] 2,854,775
[13] C

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/038 (2013.01)**
[25] EN
[54] **STYLUS**
[54] **STYLET**

[72] NUNGESTER, GREGORY R., US
[72] FELICIANO, RAFAEL, US
[73] CRAYOLA LLC, US
[85] 2014-05-06
[86] 2012-11-09 (PCT/US2012/064419)
[87] (WO2013/071083)
[30] US (61/557,591) 2011-11-09
[30] US (13/671,974) 2012-11-08

[11] 2,855,463
[13] C

[51] **Int.Cl. E04F 13/21 (2006.01)**
[25] EN
[54] **PULLOUT RESISTANT SWING INSTALLATION TIE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **ATTACHE D'INSTALLATION A ROTATION ANTI-ARRACHEMENT ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**

[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2855463)
[87] (2855463)
[22] 2014-07-02
[30] US (13/935,173) 2013-07-03

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[11] 2,855,484
[13] C

[51] Int.Cl. G08B 21/02 (2006.01) G10L 17/26 (2013.01) G08C 17/02 (2006.01) G10L 15/00 (2013.01)

[25] EN

[54] **METHOD TO DETECT AN ALARM SITUATION AND TO SEND SILENT ALERTS TO EXTERNAL SYSTEMS USING VOICE INPUT TO MOBILE DEVICES**

[54] **METHODE DE DETECTION D'UNE SITUATION D'ALARME ET D'ENVOI D'ALERTE SILENCIEUSE AUX SYSTEMES EXTERNES A L'AIDE D'ENTREE VOCALE SUR DES APPAREILS MOBILES**

[72] ASWATHI, RAVIKUMAR VEMAGAL, US

[72] HEGDE, VINAY, US

[72] MEGANATHAN, DEEPAK SUNIDAR, US

[73] HONEYWELL INTERNATIONAL INC., US

[86] (2855484)

[87] (2855484)

[22] 2014-06-30

[30] US (13/943,261) 2013-07-16

[11] 2,856,490
[13] C

[51] Int.Cl. H01L 21/71 (2006.01) H01L 23/62 (2006.01) H01L 29/20 (2006.01)

[25] EN

[54] **SEMICONDUCTOR ASSEMBLY AND METHOD OF MANUFACTURE**

[54] **ENSEMBLE SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION**

[72] KASHYAP, AVINASH SRIKRISHNAN, US

[72] SANDVIK, PETER MICAH, US

[72] ZHOU, RUI, US

[72] LOSEE, PETER ALMERN, US

[73] GENERAL ELECTRIC COMPANY, US

[86] (2856490)

[87] (2856490)

[22] 2014-07-10

[30] US (13/950,736) 2013-07-25

[11] 2,859,397
[13] C

[51] Int.Cl. H04B 10/11 (2013.01) H04B 10/27 (2013.01)

[25] EN

[54] **ESTABLISHING OPTICAL COMMUNICATION LOCK WITH NEARBY BALLOON**

[54] **ETABLISSEMENT DE VERROUILLAGE DE COMMUNICATION OPTIQUE AVEC BALLON A PROXIMITE**

[72] DEVAUL, RICHARD WAYNE, US

[72] TELLER, ERIC, US

[72] BIFFLE, CLIFFORD L., US

[72] WEAVER, JOSH, US

[73] X DEVELOPMENT LLC, US

[85] 2014-06-13

[86] 2013-01-07 (PCT/US2013/020536)

[87] (WO2013/106281)

[30] US (13/346,645) 2012-01-09

[11] 2,861,119
[13] C

[51] Int.Cl. E21B 43/22 (2006.01) C09K 8/68 (2006.01)

[25] EN

[54] **METHOD OF DELAYING CROSSLINKING IN WELL TREATMENT OPERATION**

[54] **PROCEDE POUR RETARDER LA RETICULATION LORS D'UNE OPERATION DE TRAITEMENT DE Puits**

[72] GUPTA, D.V. SATYANARAYANA, US

[72] CAWIEZEL, KAY ELAINE, US

[73] BAKER HUGHES INCORPORATED, US

[85] 2014-07-14

[86] 2013-01-31 (PCT/US2013/023982)

[87] (WO2013/116422)

[30] US (13/364,474) 2012-02-02

[11] 2,862,144
[13] C

[51] Int.Cl. B01J 29/08 (2006.01) C10G 11/05 (2006.01)

[25] EN

[54] **HEAVY OIL CATALYTIC CRACKING CATALYST AND PREPARATION METHOD THEREFOR**

[54] **CATALYSEUR DE CRAQUAGE CATALYTIQUE DE PETROLE LOURD ET SON PROCEDE DE PREPARATION**

[72] GAO, XIONGHOU, CN

[72] ZHANG, HAITAO, CN

[72] TAN, ZHENG GUO, CN

[72] LI, DI, CN

[72] JI, DONG, CN

[72] DUAN, HONGCHANG, CN

[72] ZHANG, CHENXI, CN

[73] PETROCHINA COMPANY LIMITED, CN

[85] 2014-07-22

[86] 2012-04-13 (PCT/CN2012/000508)

[87] (WO2013/086767)

[30] CN (201110419922.2) 2011-12-15

[11] 2,862,183
[13] C

[51] Int.Cl. G01N 27/06 (2006.01)

[25] EN

[54] **LOW-CONDUCTIVITY CONTACTING-TYPE CONDUCTIVITY MEASUREMENT**

[54] **MESURE DE CONDUCTIVITE DE TYPE A CONTACT A FAIBLE CONDUCTIVITE**

[72] REZVANI, BEHZAD, US

[72] LOMIBAO, JEFFREY, US

[73] ROSEMOUNT ANALYTICAL, INC., US

[85] 2014-07-17

[86] 2013-01-18 (PCT/US2013/022042)

[87] (WO2013/109816)

[30] US (61/588,934) 2012-01-20

[30] US (13/743,811) 2013-01-17

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[11] 2,865,780
[13] C

[51] Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)
[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGING COMMUNITY INFORMATION**
[54] **PROCEDES ET SYSTEMES DE GESTION D'INFORMATIONS COMMUNAUTAIRES**
[72] GASPERI, AARON MICHAEL, US
[72] KREMER, THOMAS MAC, US
[72] WRIGHT, RONALD PERRY, US
[72] TALLEN, JOSHUA RYAN, US
[72] WAIT, JOHN ROBERT, US
[72] FREY, DOUG, US
[72] MOCKENHAUPT, PAUL, US
[72] RASMUSSEN, MARK, US
[73] VELOCITY TECHNOLOGY ENTERPRISES, INC., US
[86] (2865780)
[87] (2865780)
[22] 2014-09-29
[30] US (61/885,884) 2013-10-02
[30] US (14/477,493) 2014-09-04

[11] 2,865,857
[13] C

[51] Int.Cl. E04F 13/22 (2006.01)
[25] EN
[54] **ONE-PIECE DOVETAIL VENEER TIE AND WALL ANCHORING SYSTEM WITH IN-CAVITY THERMAL BREAKS**
[54] **ATTACHE DE PLACAGE A QUEUE D'ARONDE MONOBLOC ET SYSTEME D'ANCRAGE MURAL AVEC RUPTURES THERMIQUES A L'INTERIEUR DE CAVITES**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2865857)
[87] (2865857)
[22] 2014-10-03
[30] US (14/046,556) 2013-10-04

[11] 2,866,613
[13] C

[51] Int.Cl. H04L 12/757 (2013.01)
[25] EN
[54] **MULTI-PROTOCOL ROUTING SYSTEM AND METHOD DRIVEN BY INTEGRATION OF APPLICATIONS AND NETWORKS**
[54] **SYSTEME D'ACHEMINEMENT A MULTIPLES PROTOCOLES ET PROCEDE ENTRAINÉ PAR APPLICATION ET RESEAU EN CONVERGENCE**
[72] WANG, JINLIN, CN
[72] YOU, JIALI, CN
[72] WANG, LINGFANG, CN
[73] INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES, CN
[73] BEIJING INTELLIX TECHNOLOGY COMPANY LIMITED, CN
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[54] **REMOVABLE FLOOR JACK SADDLE**
[54] **TETE DE CRIC ROULEUR AMOVIBLE**
[72] DEKEUSTER, MICHAEL T., US
[72] POTTER, CHRISTOPHER H., US
[72] WALESA, BRIAN A., US
[73] SNAP-ON INCORPORATED, US
[86] (2866659)
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[54] **HIGH-STRENGTH VERTICALLY COMPRESSED VENEER TIE AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **ATTACHE DE PLACAGE VERTICALEMENT COMPRIMEE HAUTE RESISTANCE ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2867003)
[87] (2867003)
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[54] **SUSPENSION ROLLER SKI**
[54] **SKI A ROULETTES A SUSPENSION**
[72] PARENT, ALAIN, CA
[72] WANLIN, HUGUES, CA
[73] RUNDLE SPORT INC., CA
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[54] **ORAL ADMINISTRATION OF MELANIN FOR PROTECTION AGAINST RADIATION**
[54] **ADMINISTRATION ORALE DE MELANINE POUR UNE PROTECTION DES RAYONNEMENTS**
[72] DADACHOVA, EKATERINA, US
[72] CASADEVALL, ARTURO, US
[73] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2014-09-18
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- [54] **METHOD OF RECOVERING RARE-EARTH ELEMENTS**
- [54] **PROCEDE DE RECUPERATION D'UN ELEMENT DES TERRES RARES**
- [72] SUGITA, KAORU, JP
- [72] KOBAYASHI, YASUSHI, JP
- [72] TAGUCHI, YOSHIHIRO, JP
- [72] TAKEIDA, SATOSHI, JP
- [72] OTA, YUJI, JP
- [72] OJIRI, MASASHI, JP
- [72] ODA, KAZUHIRO, JP
- [72] SANO, HIROSHI, JP
- [73] NIPPON LIGHT METAL COMPANY, LTD., JP
- [85] 2014-09-29
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- [25] EN
- [54] **CARTON DECASING SYSTEM**
- [54] **SYSTEME DE DEBALLAGE DE CARTONS**
- [72] FORD, COLIN, US
- [73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
- [85] 2014-09-29
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- [54] **CALL INTERCEPT METHODS, SUCH AS FOR CUSTOMER SELF-SUPPORT ON A MOBILE DEVICE**
- [54] **PROCEDES D'INTERCEPTION D'APPELS, PAR EXEMPLE, POUR UN SERVICE AUTONOME DE CLIENT SUR UN DISPOSITIF MOBILE**
- [72] ROUNDTREE, BRIAN, US
- [72] RUSH, KELDON, US
- [72] ALLAN, KEVIN, US
- [72] BEINIKIS, LINDA, US
- [73] NUANCE COMMUNICATIONS, INC., US
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- [25] EN
- [54] **ENHANCED BLOCK-REQUEST STREAMING SYSTEM FOR HANDLING LOW-LATENCY STREAMING**
- [54] **SYSTEME DE DIFFUSION EN CONTINU A DEMANDE DE BLOCAGE AMELIORE POUR GERER LA DIFFUSION EN CONTINU A LATENCE FAIBLE**
- [72] LUBY, MICHAEL G., US
- [72] WATSON, MARK, US
- [72] VICISANO, LORENZO, US
- [72] PAKZAD, PAYAM, US
- [72] WANG, BIN, US
- [72] CHEN, YING, US
- [72] STOCKHAMMER, THOMAS, US
- [72] BORRAN, JABER MOHAMMAD, US
- [73] QUALCOMM INCORPORATED, US
- [85] 2014-10-01
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- [25] EN
- [54] **INFLATABLE SURFING APPARATUS AND METHOD**
- [54] **APPAREIL DE SURF GONFLABLE ET PROCEDE CONNEXE**
- [72] VICENTE, ORIOL A., US
- [73] VICENTE, ORIOL A., US
- [86] (2869343)
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[54] **METHOD OF APPLYING SUSPENSION FABRIC IN A FALL PROTECTION SYSTEM**

[54] **PROCEDE DE POSE D'UN TISSU DE SUSPENSION DANS UN DISPOSITIF ANTI-CHUTE**

[72] PENDLEY, TIMOTHY, US

[72] MCLAIN, MICHAEL J., US

[73] MATE, LLC, US

[86] (2869419)

[87] (2869419)

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[54] **WEB-BASED GAME PLATFORM WITH MOBILE DEVICE MOTION SENSOR INPUT**

[54] **PLATE-FORME DE JEU INTERNET DOTEE D'UNE ENTREE DE DETECTEUR DE MOUVEMENT DE DISPOSITIF MOBILE**

[72] RANA, MANOJ, US

[72] KOMOROUS-KING, ROBERT S., US

[72] JEFFERY, MARK, US

[73] AQUIMO, LLC, US

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[25] EN

[54] **INTERACTIVE WATERSLIDE SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE GLISSADE D'EAU INTERACTIVE**

[72] WESTON, DENISE, US

[72] MENDELSON, AARON, US

[73] WHITEWATER WEST INDUSTRIES LTD., CA

[86] (2870805)

[87] (2870805)

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[54] **METHOD FOR THE PRODUCTION OF POLYUNSATURATED FATTY ACIDS IN PLANTS**

[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS POLYINSATURES DANS DES PLANTES**

[72] CIRPUS, PETRA, DE

[72] RENZ, ANDREAS, DE

[72] LERCHL, JENS, DE

[72] KUIJPERS, ANNE-MARIE, DE

[73] BASF PLANT SCIENCE GMBH, DE

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[54] **SYSTEM FOR LATCHING AND LOCKING A FOLDING WING**

[54] **SYSTEME DE VERROUILLAGE D'AILE PLIANTE**

[72] GOOD, MARK S., US

[72] WALKER, S. PAUL, US

[72] LASSEN, MATTHEW A., US

[72] PIETERSEN, QUENTIN T., US

[73] THE BOEING COMPANY, US

[86] (2871048)

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[54] **AMMONIA GAS GENERATION FROM UREA FOR LOW TEMPERATURE PROCESS REQUIREMENTS**

[54] **GENERATION DE GAZ AMMONIAC A PARTIR D'UREE POUR DES EXIGENCES DE PROCEDE A BASSE TEMPERATURE**

[72] SUN, WILLIAM H., US

[72] BOYLE, JOHN M., US

[72] CARMIGNANI, PAUL G., US

[72] MAYHEW, SCOTT M., US

[73] FUEL TECH, INC., US

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FEED SPRAY DEVICE**
[54] **SYSTEME D'EVENT POUR UN
DISPOSITIF DE PULVERISATION
A ALIMENTATION PAR GRAVITE**
[72] MARSALEK, DANIEL F., US
[72] BURNS, MARVIN D., US
[73] CARLISLE FLUID TECHNOLOGIES
INC., US
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[25] EN
[54] **WELLBORE ASSEMBLY FOR
INJECTING A FLUID INTO A
SUBSURFACE FORMATION, AND
METHOD OF INJECTING FLUIDS
INTO A SUBSURFACE
FORMATION**
[54] **ENSEMBLE FORAGE POUR
INJECTER UN FLUIDE DANS UNE
FORMATION SOUTERRAINE, ET
PROCEDE D'INJECTION DE
FLUIDES DANS UNE FORMATION
SOUTERRAINE**
[72] BUECHLER, SCOTT R., US
[73] EXXONMOBIL UPSTREAM
RESEARCH COMPANY, US
[85] 2014-10-27
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[54] **INSTRUMENT D'HYGIENE
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[72] HOHLBEIN, DOUGLAS J., US
[72] MINTEL, THOMAS E., US
[72] BAERTSCHIL, ARMIN, CH
[72] MOSKOVICH, ROBERT, US
[73] COLGATE-PALMOLIVE COMPANY,
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[54] **FOLDABLE SOFA MATTRESS
AND METHOD**
[54] **MATELAS DE CANAPE PLIABLE
ET PROCEDE ASSOCIE**
[72] RAYMOND, ROBERT A., US
[72] ROGERS, W. CLARK, US
[73] AXESS DIRECT, INC., US
[85] 2014-10-28
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[25] EN
[54] **A SYSTEM AND METHOD USING
NEAR AND FAR FIELD ULF AND
ELF INTERFEROMETRY
SYNTHETIC APERTURE RADAR
FOR SUBSURFACE IMAGING**
[54] **SYSTEME ET PROCEDE
UTILISANT UN RADAR A
OUVERTURE SYNTHETIQUE
D'INTERFEROMETRIE ULF ET
ELF EN CHAMPS PROCHE ET
ELOIGNE POUR IMAGERIE
SOUTERRAINE**
[72] SOKOLOWSKI, JAMES, US
[72] PAYTON, ROBERT, US
[72] PUGH, TREVOR K., US
[72] KALISH, ALEXANDER, US
[72] HICKEY, MARK, US
[73] DEEP IMAGING TECHNOLOGIES,
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[85] 2014-11-14
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[25] EN
[54] **ARTIFICIAL FEED FOR MASS
CULTURE OF LONG-HORNED
BEETLES, METHOD FOR
MANUFACTURING SAME, AND
BREEDING METHOD USING
SAME**
[54] **ALIMENT ARTIFICIEL POUR
L'ELEVAGE DE MASSE DE
CERAMBYCIDES, SON PROCEDE
DE FABRICATION, ET PROCEDE
DE SELECTION UTILISANT UN
TEL ALIMENT**
[72] YI, DAE AM, KR
[73] YI, DAE AM, KR
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[54] **CARTON WITH HANDLE**
[54] **CARTON A POIGNEE**
[72] HOLLEY, JOHN MURDICK, JR., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2014-12-05
[86] 2013-03-15 (PCT/US2013/032060)
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[25] EN
[54] **METHODS OF USING COMBINATIONS OF A LIPASE AND AN OXIDANT FOR PITCH CONTROL IN PAPER MAKING PROCESSES AND PRODUCTS THEREOF**
[54] **PROCEDES D'UTILISATION DE COMBINAISONS D'UNE LIPASE ET D'UN OXYDANT POUR LE CONTROLE DE LA POIX LORS DE PROCESSUS DE FABRICATION DE PAPIER ET PRODUITS PAPETIERS ASSOCIES**
[72] ZHOU, XIANGDONG, US
[72] JAQUESS, PERCY, US
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2014-12-17
[86] 2013-04-19 (PCT/US2013/037286)
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[30] US (61/662,955) 2012-06-22

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[13] C

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[54] **ROTARY CUTTING TOOL AND REVERSIBLE CUTTING INSERT THEREFOR**
[54] **OUTIL DE COUPE ROTATIF ET INSERT DE COUPE REVERSIBLE POUR CELUI-CI**
[72] SMILOVICI, CAROL, IL
[72] ATAR, OSAMA, IL
[73] ISCAR LTD., IL
[85] 2014-12-22
[86] 2013-06-09 (PCT/IL2013/050492)
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[30] US (13/542,846) 2012-07-06

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[25] EN
[54] **FRACTURING FLUIDS AND METHODS FOR TREATING HYDROCARBON-BEARING FORMATIONS**
[54] **FLUIDES DE FRACTURATION ET PROCEDES POUR TRAITER DES FORMATIONS CONTENANT DES HYDROCARBURES**
[72] SUN, HONG, US
[72] DEBENEDICTIS, FRANCES, US
[72] ZHOU, JIA, US
[72] NELSON, SCOTT, US
[72] ROYCE, TOM N., US
[72] QU, QI, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **SUPPORTER FOR CONNECTING AND POSITIONING IRRIGATION DEVICE**
[54] **SUPPORT DE RACCORDEMENT ET POSITIONNEMENT DE DISPOSITIF D'IRRIGATION**
[72] LO, SHUN-NAN, TW
[73] YUAN-MEI CORP., TW
[86] (2878717)
[87] (2878717)
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[25] EN
[54] **RETRIEVAL OF SUBSEA PRODUCTION AND PROCESSING EQUIPMENT**
[54] **RECUPERATION D'EQUIPEMENT DE PRODUCTION ET DE TRAITEMENT SOUS-MARIN**
[72] SMEDSTAD, ERIC RANDALL, US
[73] FMC TECHNOLOGIES, INC., US
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- [25] EN
- [54] **SPHERICAL MAGNETISABLE POLYVINYL ALCOHOL MICROPARTICLES, METHOD FOR PRODUCING SAME, AND USE THEREOF**
- [54] **MICROPARTICULES D'ALCOOL POLYVINYLIQUE, MAGNETISABLES, SPHERIQUES, LEUR PROCEDE DE FABRICATION AINSI QUE LEUR UTILISATION**
- [72] OSTER, JUERGEN, DE
[72] SOMMER, THOMAS, DE
[72] A BRASSARD, LOTHAR, DE
[73] PERKINELMER CHEMAGEN TECHNOLOGIE GMBH, DE
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[13] C
- [51] Int.Cl. H04L 29/06 (2006.01)
- [25] EN
- [54] **ONLINE USER ACCOUNT LOGIN METHOD AND SERVER SYSTEM IMPLEMENTING THE METHOD**
- [54] **PROCEDE DE CONNEXION A UN COMPTE D'UTILISATEUR EN LIGNE ET SYSTEME DE SERVEUR METTANT EN OEUVRE LE PROCEDE**
- [72] ZHANG, XIAOLONG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
- [85] 2015-01-19
[86] 2013-05-21 (PCT/CN2013/075962)
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[30] CN (201210264146.8) 2012-07-27

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[13] C
- [51] Int.Cl. C22B 1/02 (2006.01) C22B 3/00 (2006.01) C22B 11/06 (2006.01)
- [25] EN
- [54] **HYDROMETALLURGICAL TREATMENT PROCESS FOR EXTRACTION OF METALS FROM CONCENTRATES**
- [54] **PROCEDE DE TRAITEMENT HYDROMETALLURGIQUE D'EXTRACTION DE METAUX A PARTIR DE CONCENTRES**
- [72] LIDDELL, KEITH STUART, GB
[72] ADAMS, MICHAEL DAVID, TH
[73] LIFEZONE LIMITED, MU
- [85] 2014-12-01
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- [54] **PROCEDE DE CONFIRMATION DE L'IDENTITE D'UN TERMINAL ET D'AUTHENTIFICATION D'UN SERVICE, SYSTEME ET TERMINAL**
- [72] JIANG, XIAO, CN
[73] ZTE CORPORATION, CN
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- [54] **VESICLES COMPRISING EPIDERMAL GROWTH FACTOR AND COMPOSITIONS THEREOF**
- [54] **VESICULES COMPRENANT LE FACTEUR DE CROISSANCE EPIDERMIQUE ET COMPOSITIONS LES CONTENANT**
- [72] SANTANA MILIAN, HECTOR JESUS, CU
[72] VENTOSA RULL, LEONOR, ES
[72] MARTINEZ DIAZ, EDUARDO, CU
[72] BERLANGA ACOSTA, JORGE AMADOR, CU
- [72] CABRERA PUIG, INGRID, CU
[72] VECIANA MIRO, JAUME, ES
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
- [73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
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- [54] **USE OF LGG IN THE MANUFACTURE OF A MEDICAMENT FOR THE PREVENTION OR TREATMENT OF RESPIRATORY ALLERGIES**
- [54] **UTILISATION DE LGG DANS LA FABRICATION D'UN MEDICAMENT DESTINE A LA PREVENTION OU AU TRAITEMENT D'ALLERGIES RESPIRATOIRES**
- [72] HERZ, UDO, DE
[72] BLUEMER, NICOLE, DE
[72] GARN, HOLGER, DE
[72] RENZ, HARALD, DE
[73] MJN U.S. HOLDINGS LLC, US
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[54] **SYSTEME DE DETECTION BASE SUR LA MODULATION D'UNE IMAGE DU VERRE PRODUITE PAR UNE LUMIERE LASER STRUCTUREE EN LIGNES**

[72] LI, YANBING, CN

[72] LIU, BIN, CN

[73] LUOYANG LANDGLASS TECHNOLOGY CO., LTD., CN

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[54] **DIRECTIONAL FILTER FOR PROCESSING FULL TENSOR GRADIOMETER DATA**

[54] **FILTRE DIRECTIONNEL PERMETTANT DE TRAITER DES DONNEES DE GRADIOMETRE FTG**

[72] BREWSTER, JAMES, US

[73] BELL GEOSPACE INC., US

[85] 2015-02-13

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[54] **ATTACHMENT TAGS AND METHODS OF MANUFACTURE AND USE THEREOF**

[54] **ETIQUETTES D'ATTACHEMENT ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES ETIQUETTES**

[72] O'DONNELL, COLIN M., US

[72] HEINRICH, CURTIS J., US

[72] TSCHETTER, JEFFREY, US

[72] SCHULTZ, MIKE, US

[72] SCHILLER, DAVID, US

[73] BEDFORD INDUSTRIES, INC., US

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[54] **PRODUIT DENTAIRE, KIT, SYSTEME ET PROCEDE**

[72] LICHKUS, ANDREW M., US

[72] SCHIFFER JR., WILLIAM JAMES, US

[72] NALBONE, CRAIG L., US

[72] DECAVALCANTE, MICHAEL L., US

[73] DENTSPLY INTERNATIONAL INC., US

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[54] **AMELIORATIONS APORTEES A DES APPAREILS DE TRAITEMENT D'ALIMENTS**

[72] COHEN, ELLI, IL

[72] GRANT, ANN, US

[73] AAC TRADE LTD., US

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[87] (2885341)

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[54] **ARTICULATED CONDUIT SYSTEMS AND USES THEREOF FOR FLUID TRANSFER BETWEEN TWO VESSELS**

[54] **RESEAUX DE CONDUITS ARTICULES ET LEURS UTILISATIONS POUR LE TRANSFERT DE FLUIDE ENTRE DEUX RECIPIENTS**

[72] PERREAULT, SEAN REILEY, US

[72] LEFFERS, CURTIS, US

[72] RODDY, MATTHEW WILLIAM, US

[72] WICHGERS, MATTHEW JACOB, US

[72] RICE, JEREMY PAUL, US

[73] MORAN TOWING CORPORATION, US

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[54] **CONTACT ACTIVATED LANCET DEVICE**
[54] **DISPOSITIF LANCETTE ACTIONNE PAR CONTACT**
[72] KARBOWNICZEK, JACEK GRZEGORZ, PL
[72] RUTYNOWSKI, WLODZIMIERZ, PL
[72] WILKINSON, BRADLEY, US
[73] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **QUENCH AND TEMPER CORROSION RESISTANT STEEL ALLOY**
[54] **ALLIAGE D'ACIER RESISTANT A LA CORROSION TREMPE ET REVENU**
[72] WERT, DAVID E., US
[73] CRS HOLDINGS, INC., US
[85] 2015-03-23
[86] 2013-10-24 (PCT/US2013/066496)
[87] (WO2014/066570)
[30] US (61/717,877) 2012-10-24

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[25] EN
[54] **HARD OPEN TOP CONTAINER AND TOP COVER LIFTING APPLIANCE**
[54] **RECEPTACLE RIGIDE A TOIT OUVRANT ET APPAREIL DE LEVAGE DE COUVERCLE**
[72] LV, GUOQUAN, CN
[72] LU, XINLIN, CN
[72] WANG, AIJUN, CN
[72] LI, AIHUA, CN
[73] NANTONG CIMC-SPECIAL TRANSPORTATION EQUIPMENT MANUFACTURE CO., LTD., CN
[73] CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) LTD., CN
[73] CIMC CONTAINERS HOLDING COMPANY LTD., CN
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[54] **BASE ANGLE ATTACHMENT ASSEMBLIES**
[54] **ENSEMBLES FIXATIONS D'ANGLE DE BASE**
[72] PERINA, MARK, US
[73] VALMONT INDUSTRIES, INC., US
[85] 2015-03-31
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[25] EN
[54] **DIRECT PRODUCTION OF FRACTIONATED AND UPGRADED HYDROCARBON FUELS FROM BIOMASS**
[54] **PRODUCTION DIRECTE DE COMBUSTIBLES D'HYDROCARBURES FRACTIONNES ET VALORISES A PARTIR DE LA BIOMASSE**
[72] FELIX, LARRY G., US
[72] LINCK, MARTIN B., US
[72] MARKER, TERRY L., US
[72] ROBERTS, MICHAEL J., US
[73] GAS TECHNOLOGY INSTITUTE, US
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[54] **PRODUCTION ENHANCEMENT METHOD FOR FRACTURED WELLBORES**
[54] **PROCEDE D'AMELIORATION DE PRODUCTION POUR Puits DE FORAGE FRACTURES**
[72] JOHNSON, MICHAEL H., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] SHIBATA, KAZUNORI, JP
[72] ARAKI, YASUSHI, JP
[72] KAJIWARA, TAKASHI, JP
[72] ITO, MASAYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2888506)
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[30] JP (2014-087261) 2014-04-21

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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING A VAPOR CONDENSATION TECHNIQUE FOR DELIVERING A UNIFORM LAYER OF DAMPENING SOLUTION IN AN IMAGE FORMING DEVICE USING A VARIABLE DATA DIGITAL LITHOGRAPHIC PRINTING PROCESS**
[54] **MECANISMES ET METHODES DE MISE EN PLACE D'UNE TECHNIQUE DE CONDENSATION DE VAPEUR DESTINEE A FOURNIR UNE COUCHE UNIFORME DE SOLUTION D'ATTENUATION DANS UN DISPOSITIF DE FORMATION D'IMAGE A L'AIDE D'UN PROCEDE D'IMPRESSION LITHOGRAPHIQUE NUMERIQUE A DONNEES VARIABLES**
[72] LIU, CHU-HENG, US
[72] BADESHIA, SANTOKH, US
[73] XEROX CORPORATION, US
[86] (2888888)
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[25] EN
[54] **VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS, BASED ON HIERARCHICAL CODED BLOCK PATTERN INFORMATION**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO ET PROCEDE ET APPAREIL DE DECODAGE VIDEO, SELON L'INFORMATION SUR LES BLOCS CODEE EN STRUCTURE HIERARCHIQUE**
[72] CHEON, MIN-SU, KR
[72] JUNG, HAE-KYUNG, KR
[72] MIN, JUNG-HYE, KR
[72] KIM, IL-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **CHAUSSURE A TROIS BOUTS**
[72] CHENCINER, JOHN M., US
[73] SURF 9, LLC, US
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[25] EN
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[54] **BANDAGES A BASE DE METAL THERMOCONDUCTEURS COMPRENANT UN SUBSTRAT HYDROGEL**
[72] FREER, CARL J., SG
[72] CARROLL, STEPHEN J., GB
[73] ADVANCED FIRST AID RESEARCH PTE. LTD., SG
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[11] 2,890,581
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[25] EN
[54] **HOT STICK POWER ANALYZER**
[54] **ANALYSEUR DE PUISSANCE DE PERCHE ISOLANTE**
[72] MASON, TIMOTHY J., US
[72] MEEKER, DAVID C., US
[72] GODFREY, JAMES F., US
[72] TRAVIS, JEFFREY C., US
[72] LEARY, WILLIAM G., US
[72] POST, ALEXANDER E., US
[73] FOSTER-MILLER, INC., US
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[54] **AFFICHAGES A LARGE GAMME DE COULEURS**
[72] SEETZEN, HIELGE, CA
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **CUTTING TOOL HOLDER WITH INTERNAL COOLANT PASSAGE HAVING A COMPRESSIBLE MEMBER**
[54] **PORTE-OUTIL POUR OUTIL DE COUPE DOTE D'UN PASSAGE DE LIQUIDE DE REFROIDISSEMENT INTERNE COMPRENANT UN ELEMENT COMPRESSIBLE**
[72] OREN, VITALY, IL
[72] SHIPILKIN, ROMAN, IL
[73] ISCAR LTD., IL
[85] 2015-05-12
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[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT WITH A REARWARD RESILIENCE SLIT**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE AVEC FENTE D'ELASTICITE FAISANT FACE VERS L'ARRIERE**
[72] HECHT, GIL., IL
[73] ISCAR LTD., IL
[85] 2015-05-12
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[54] **CUTTING TOOL AND REPLACEABLE CUTTING HEAD HAVING SPIRAL DRIVEN SURFACES THEREFOR**
[54] **OUTIL DE COUPE ET TETE DE COUPE REMPLACABLE AYANT DES SURFACES ENTRAINEES EN SPIRALE**
[72] HECHT, GIL., IL
[73] ISCAR LTD., IL
[85] 2015-05-12
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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 4/15 AND 16-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16 200 BITS ET UN TAUX DE CODE DE 4/15 ET UN MAPPAGE A 16 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[87] (2892103)
[22] 2015-05-21
[30] KR (10-2014-0061873) 2014-05-22
[30] KR (10-2015-0009139) 2015-01-20

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[13] C

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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 256 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 10/15 AND 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT DE CODE DE VERIFICATION DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 ET UN TAUX DE CODE DE 10/15 ET MAPPAGE DE SYMBOLE 256, ET METHODE D'ENTRELACEMENT DE BITS ASSOCIEE**
[72] PARK, SUNG-UK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, DO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[30] KR (10-2015-0009140) 2015-01-20

[11] 2,895,944
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[51] Int.Cl. C21D 1/74 (2006.01) B62D 29/00 (2006.01) C21D 1/34 (2006.01) C21D 1/52 (2006.01) C21D 1/673 (2006.01) C21D 1/76 (2006.01) C21D 3/04 (2006.01) C21D 8/02 (2006.01) C21D 8/04 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01)
[25] FR
[54] **METHOD FOR THE PRODUCTION OF PRESS-HARDENED, COATED STEEL PARTS AND PRE-COATED STEEL SHEETS THAT CAN BE USED FOR THE PRODUCTION OF SAID PARTS**
[54] **PROCEDE DE FABRICATION DE PIECES D'ACIER REVETUES ET DURCIES A LA PRESSE, ET TOLES PREREVETUES PERMETTANT LA FABRICATION DE CES PIECES**
[72] PUERTA VELASQUEZ, JUAN DAVID, FR
[72] STAUDIE, JONAS, FR
[72] DRILLET, PASCAL, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[54] **ENSEMBLE POINTE ULTRASONORE**
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[72] WILKINSON, KEVIN, US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **METHOD OF CROSS COLOR INTRA PREDICTION**
[54] **PROCEDE D'INTRA-PREDICTION DE COULEURS CROISEES**
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[72] HSU, CHIH-WEI, CN
[72] TSAI, CHIA-YANG, CN
[72] HUANG, YU-WEN, CN
[73] MEDIATEK INC., CN
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[72] ANTAL, BRIAN D., US
[72] JOSEPH, CARROLL E., US
[73] NATIONAL HEAT EXCHANGE CLEANING CORPORATION, US
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[54] **SYSTEME ET PROCEDE D'AUTORISATION DE TRANSACTIONS ELECTRONIQUES A BASE AUDIO**
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[73] MG SYSTEMS CONSULTING SERVICES LLC, BR
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[72] IKEDA, KOKI, JP
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[72] MIYASHITA, TOSHIYA, JP
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[72] HOUGHTON, DAVID L., US
[72] ADAMS, JARED J., US
[72] KARNS, JESSE, US
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[72] VENKATAPPA, KRISHNAMURTHY, IN
[73] MAKAM, ROSHAN VISWANATH, IN
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[72] FOWLER, TRACY A., US
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[54] **PROCEDE POUR TRAITER UN MELANGE GAZEUX RICHE EN HYDROCARBURE CONTENANT DU MERCURE ET DES GAZ ACIDES**
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[73] LINDE AKTIENGESellschaft, DE
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[72] HARRISON, ROBERT, US
[72] JESWANI, ANIL, US
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[54] **PROCEDES DE DETECTION DE NIVEAUX ELEVES D'ANTIOXYDANT PENDANT LES MESURES ELECTROCHIMIQUES ET DE GARANTIE ANTI-ERREUR D'UNE CONCENTRATION D'UNE SUBSTANCE A ANALYSER AINSI QUE DES DISPOSITIFS, DES APPAREILS ET DES SYSTEMES LES INTEGRANT**
[72] BUCK, HARVEY, US
[72] CARPENTER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MILIEUX DE CULTURE DE CELLULES SOUCHES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[54] **FRAISE EN BOUT A ANGLES D'INDEX A DISPOSITION ASYMETRIQUE POUR L'USINAGE DU TITANE**
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[72] KHINA, ALEXANDER, IL
[72] ZEHAVI, GABBY, IL
[73] ISCAR LTD., IL
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[54] **INDICATEUR DE STERILISATION INCLUANT UN INDICATEUR BIOLOGIQUE SIMPLIFIE GENETIQUEMENT MODIFIE**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[72] YIRAVA, WILLIAM A., US
[73] AMERICAN STERILIZER COMPANY, US
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[54] **BIOLOGICAL SPECIMEN HANDLING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MANIPULATION D'UN ECHANTILLON BIOLOGIQUE**
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[73] SAKURA FINETEK U.S.A., INC., US
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[54] **FRAISE EN BOUT A ANGLES D'INDEX A DISPOSITION SYMETRIQUE POUR L'USINAGE DU TITANE**
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[72] KHINA, ALEXANDER, IL
[72] ZEHAVI, GABBY, IL
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[72] WEIKERT, ROBERT JAMES, CH
[72] YUN, WEIYA, US
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[72] SMITH, GEOFFREY PAUL, GB
[73] ILLUMINA CAMBRIDGE LIMITED, GB
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[54] **APPAREILS ET PROCEDES POUR EXTRACTION DE GAZ A PARTIR DE RESERVOIRS**
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[72] CUEVA, JOHN FERNANDO, US
[72] INGA, JOSE, US
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[72] MAGUIRE, Yael, US
[72] COGITORE, GIOVANNI, US
[72] KALINOWSKI, CAITLIN E., US
[73] FACEBOOK, INC., US
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[72] NIKIFORUK, KEVIN JAMES, US
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[54] **SYSTEME D'INCISION SOUS VIDE ET PROCEDE POUR L'EXTRACTION DE SANG AVEC DOULEUR MINIMALE**
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[54] **MECANISME A DEUX AUBES POUR APPAREIL DE NETTOYAGE DE PISCINE**
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[72] SINGH, NARENDRA PRATAP, IN
[73] PENTAIR WATER POOL AND SPA, INC., US
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[54] **REGLAGE DE PRESSION D'AUTO-REMPLISSAGE ET HORS DE LIT DE MATELAS PNEUMATIQUE GONFLABLE**
[72] NUNN, ROB, US
[72] PALASHEWSKI, WADE DANIEL, US
[72] YOUNG, STEVEN, US
[72] HEWITT, CARL, US
[73] SELECT COMFORT CORPORATION, US
[73] SLEEP IQ LABS INC., US
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[54] **SYSTEME D'ALERTE ET DE SURVEILLANCE DE MATELAS PNEUMATIQUE GONFLABLE**
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[72] PALASHEWSKI, WADE DANIEL, US
[72] TILSTRA, MATTHEW WAYNE, US
[72] STUSYNSKI, STACY, US
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[54] **INFLATABLE AIR MATTRESS WITH LIGHT AND VOICE CONTROLS**
[54] **MATELAS PNEUMATIQUE GONFLABLE DOTE DE COMMANDES LUMINEUSES ET VOCALES**
[72] NUNN, ROB, US
[72] PALASHEWSKI, WADE DANIEL, US
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[54] **SYSTEM AND METHOD FOR USING A PRESSURE DIFFERENTIAL FOR SEPARATION**
[54] **SYSTEME ET METHODE D'UTILISATION DE LA PRESSION DIFFERENTIELLE POUR PRODUIRE UNE SEPARATION**
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[73] M-I L.L.C., US
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- [54] APPAREIL ET PROCEDE DE DISTILLATION SECHE A BASSE TEMPERATURE ET PROCEDE POUR SABLE PETROLIFERE, BOUE PETROLIFERE, SCHISTE PETROLIFERE ET BIOMASSE
- [72] HIE, JIANXIANG, CN
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- [54] RESERVOIR A CARBURANT, AILES PRINCIPALES, FUSELAGE D'AERONEF, AERONEF ET CORPS MOBILE
- [72] KAMIHARA, NOBUYUKI, JP
- [72] KISHIMOTO, KAZUAKI, JP
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- [72] KAMINO, YUICHIRO, JP
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- [73] ENDRESS+HAUSER FLOWTEC AG, CH
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- [72] DISCH, SASCHA, DE
- [72] FUCHS, GUILLAUME, DE
- [72] HERRF, JURGEN, DE
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[54] **CONDUCTEUR ISOLE POUR FORAGE DE FOND DE TROU**

[72] GAWSKI, VICTOR, GB

[72] SNYDER, JOHN KENNETH, US

[73] **HALLIBURTON ENERGY SERVICES, INC., US**

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[72] RAVIKUMAR, SUNDARAM, US

[72] ALWARD, HENRY ALLAN, US

[72] OSBORNE, GUY, US

[73] **TELEFLEX MEDICAL INCORPORATED, US**

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[54] **SURVEILLANCE, DETECTION, COMMANDE ET DIAGRAPHIE DE BOUE DE Puits POUR UN FORAGE A DOUBLE GRADIENT**

[72] **KRONENBERGER, KURT ADAM, US**

[72] ROWE, MATTHEW DENNIS, US

[72] MCCORMACK, PATRICK GREGORY, US

[72] GUCHIEREAU, HUNTER TERRANCE, US

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[72] PURNHAGEN, HEIKO, SE

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[72] BETTS, JAMES, US
[72] STRILCHUK, DAVID, CA
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[54] **MOTEUR DE REQUETES A FAIBLE LATENCE POUR APACHE HADOOP**
[72] KORNACKER, MARCEL, US
[72] ERICKSON, JUSTIN, US
[72] ROBINSON, HENRY NOEL, US
[72] CHOI, ALAN, US
[72] BEHM, ALEX, US
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[54] **PROCEDE D'EVALUATION DE RECHERCHE D'UN GISEMENT DE PETROLE ET DE GAZ AU MOYEN DU LOGICIEL TRAP-3D**
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[72] ZHANG, LIBIN, CN
[72] ZHANG, XIAOMIN, CN
[73] CHINA NATIONAL PETROLEUM CORPORATION, CN
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[54] **METHODE, TERMINAL, SERVEUR ET SYSTEME DESTINES A DES TERMINAUX MULTIPLES EN VUE DE PARTAGER UNE CARTE SIM VIRTUELLE**
[72] XIONG, YINGYING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] MISAWA, TAKAHIRO, JP
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[54] **METHODE POUR EVITER TOUT MESUSAGE DES AUTORISATIONS D'ACCES D'UN SYSTEME DE CONTROLE D'ACCES A L'AIDE D'UN IDENTIFIANT**
[72] KERSCHBAUMER, ANDREAS, AT
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[54] **JOINT IMMOBILISE EN PLACE POUR RENDRE ETANCHES DES CONDUITES EN PLASTIQUE, PROCEDE DE FABRICATION ET PROCEDE D'INSTALLATION**
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[54] **APPAREIL ET PROCEDES PERMETTANT DE STIMULER DES RESERVOIRS A L'AIDE DE FLUIDES CONTENANT DE NANO/MICRO-ELEMENTS DE TRANSFERT DE CHALEUR**
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[54] **DISPOSITIF DE COMMANDE POUR UN MOTEUR A COMBUSTION INTERNE, VEHICULE LE COMPRENANT ET PROCEDE ASSOCIE**
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **ROTATABLE RAIL DEVICE AND METHOD FOR PLACING A TRUCK ONTO A SET OF TRACKS**
[54] **DISPOSITIF DE RAIL ROTATIF ET PROCEDE DE MISE EN PLACE D'UN WAGON SUR UN ENSEMBLE DE VOIES**
[72] CLAYPOOL, JAMES, US
[73] MASS. ELECTRIC CONSTRUCTION CO., US
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[72] GITNES, SETH, US
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[72] TEICHMANN, JORG, DE
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[73] SIEMENS AKTIENGESSELLSCHAFT, DE
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[72] RABHI, VIANNEY, FR
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[54] **DISPOSITIF DE MANOEUVRE D'AU MOINS UNE TRAPPE D'UN AERONEF COMPRENANT UNE POIGNEE DE COMMANDE**
[72] AURIAC, VINCENT, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
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[54] **SYSTEMES ET PROCEDES D'ANALYSE DE FLUIDE POLYPHASIQUE**
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[72] GUY, MASON HARVEY, US
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[72] EATON, STUART JOHN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE POUR FABRIQUER DES DENTS ARTIFICIELLES**
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[54] **METHOD AND APPARATUS FOR ASSIGNING AND IMPRINTING TOUCH ICONS OF A TOUCH PAD**
[54] **PROCEDE ET APPAREIL POUR L'ATTRIBUTION ET L'IMPRESSION D'ICONES TACTILES D'UNE TOUCHE A EFFLEUREMENT**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
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- [54] **PROCEDE DE PRODUCTION D'UN FILM STRUCTURE**
- [72] ZAGGL, ALEXANDER, DE
- [72] HELLER, BERNADETTE, US
- [72] HARTMANN, ANDRE, DE
- [73] W.L. GORE & ASSOCIATES GMBH, DE
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- [54] **METHODE ET APPAREIL SERVANT A PURIFIER DES LIQUIDES CONTAMINES COMME DE L'EAU ACIDE**
- [72] JONES, JOHN D., US
- [73] JONES, JOHN D., US
- [85] 2016-02-18
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- [54] **ACOUSTIC CONVERTER, ACOUSTIC CONVERTER SYSTEM, OPTICAL HYDROPHONE, ACOUSTIC CONVERTER ARRAY AND WATERCRAFT**
- [54] **TRANSDUCTEUR ACOUSTIQUE, SYSTEME DE TRANSDUCTEUR ACOUSTIQUE, HYDROPHONE OPTIQUE, ENSEMBLE DE TRANSDUCTEURS ACOUSTIQUES ET BATEAU**
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- [72] ZIVANOVIC, BOJAN, AT
- [72] HANDLE, BERNHARD, AT
- [73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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- [54] **STRENGTHENING METHOD FOR FILLET PART OF CRANKSHAFT AND STENGTHENING DEVICE THEREFOR**
- [54] **PROCEDE DE RENFORCEMENT DE LA PARTIE FILETEE D'UN VILEBREQUIN ET DISPOSITIF DE RENFORCEMENT ASSOCIE**
- [72] TANAKA, TOSHIYUKI, JP
- [72] MIURA, DAISUKE, JP
- [72] YOSHIMURA, TAKURO, JP
- [72] TAKEUCHI, YUTAKA, JP
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- [73] HONDA MOTOR CO., LTD., JP
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- [54] **EROSION RESISTANT BAFFLE FOR DOWNHOLE WELLBORE TOOLS**
- [54] **DEFLECTEUR RESISTANT A L'EROSION POUR DES OUTILS DE FOND DE TROU DE Puits DE FORAGE**
- [72] WALTON, ZACHARY WILLIAM, US
- [72] MERRON, MATTHEW JAMES, US
- [73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INDUCTEUR POUR CHAUFFAGE PAR INDUCTION**
[72] DIEHL, DIRK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD AND APPARATUS FOR DOWN-HOLE ALIGNMENT OF OPTIC FIBERS**
[54] **PROCEDE ET APPAREIL D'ALIGNEMENT DE FIBRES OPTIQUES EN FOND DE TROU**
[72] ROTH, BRIAN A., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **FUEL CELL SYSTEM**
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[73] NISSAN MOTOR CO., LTD., JP
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[54] **COLORING AGENT COMPOSITION AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION D'AGENT COLORANT ET SON PROCEDE DE PRODUCTION**
[72] SUGANO, KENICHI, JP
[72] YOSHIKANE, MASATO, JP
[72] MAMADA, EMI, JP
[73] YOSHINO GYPSUM CO., LTD., JP
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[54] **COMMUTATEUR DE TEST ELECTRIQUE DOTE D'UNE BASE SOLIDIFIANTE**
[72] BOURGEOIS, JEAN-RAYMOND, CA
[73] BOURGEOIS, JEAN-RAYMOND, CA
[86] (2926904)
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[54] **PULSED INPUT PUSH-TO-TALK WIRELESS ADAPTER SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES POUR ADAPTEUR SANS FIL DE MESSAGERIE VOCALE INSTANTANEE A ENTREE PAR IMPULSION**
[72] LARSON, DAVID, US
[72] CLACK, DERICK, US
[73] TWISTED PAIR SOLUTIONS, INC., US
[85] 2016-04-12
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[54] **PNEUMATIC PRESSURE RELIEF TEST PLUG**
[54] **BOUCHON DE TEST DE LIBERATION DE PRESSION PNEUMATIQUE**
[72] LARSON, RICHARD, US
[72] COLE, STEVEN R., US
[73] IPS CORPORATION, US
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[54] **MEMORY RESOURCE OPTIMIZATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'OPTIMISATION DE RESSOURCES DE MEMOIRE**
[72] LIU, LEI, CN
[72] WU, CHENGYONG, CN
[72] FENG, XIAOBING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD, CN
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[54] **AN APPARATUS AND METHOD FOR PRODUCING AN APPROPRIATE QUANTITY OF RFID READS**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE UNE QUANTITE APPROPRIEE DE LECTURES RFID**
[72] BELLINGS, DAVID E., US
[73] SYMBOL TECHNOLOGIES, LLC, US
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[54] **RECLAIMING DEVICE, METHOD, AND RECOVERY UNIT OF CO₂, H₂S, OR BOTH OF CO₂ AND H₂S**

[54] **DISPOSITIF DE REGENERATION ET PROCEDE ET DISPOSITIF DE RECUPERATION POUR CO₂, H₂S, OU LES DEUX**

[72] TANAKA, HIROSHI, JP

[72] NAGAYASU, HIROMITSU, JP

[72] HIRATA, TAKUYA, JP

[72] YUKUMOTO, ATSUSHIRO, JP

[72] OISHI, TSUYOSHI, JP

[72] NAKATANI, SHINSUKE, JP

[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

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[54] **CATHETER A BRIDE**

[72] PHILLIPS, GRANT WESLEY, US

[72] WILLIAMS, DEREK M., US

[72] CALHOUN, MATTHEW, US

[72] PICHIA, GEORGE J., US

[73] APPLIED MEDICAL TECHNOLOGY, INC., US

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[54] **STABILIZING CARGO ORGANIZER**

[54] **ELEMENT DE RANGEMENT ET DE STABILISATION DU CHARGEMENT**

[72] THOM, ALLAN R., US

[72] IVERSON, DAVID S., US

[72] MACNEIL, DAVID F., US

[72] MASANEK, FREDERICK W., JR., US

[73] MACNEIL IP LLC, US

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[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**

[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**

[72] DOMINIQUE, ROMYR, US

[72] KONG, NORMAN, CN

[72] LOU, YAN, US

[72] LOPEZ-TAPIA, FRANCISCO JAVIER, US

[72] SO, SUNG-SAU, US

[73] F. HOFFMANN-LA ROCHE AG, CH

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[54] **GRID RING BROOD COMB FRAME FOR CYLINDRICAL BROOD CHAMBER HIVES**

[54] **CADRE DE RAYON A COUVAIN A ANNEAU QUADRILLE POUR DES RUCHES A CHAMBRE A COUVAIN CYLINDRIQUE**

[72] DOMOCSOK, BELA, HU

[73] DOMOCSOK, BELA, HU

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[54] **PLUG FOR WELL DRILLING PROVIDED WITH DIAMETRICALLY EXPANDABLE ANNULAR RUBBER MEMBER FORMED FROM DEGRADABLE RUBBER MATERIAL**

[54] **BOUCHON DE FORAGE POURVU D'UN ELEMENT DE CAOUTCHOUC ANNULAIRE EXPANSIBLE DIAMETRALEMENT FORME A PARTIR DE MATIERE DE CAOUTCHOUC DEGRADABLE**

[72] OKURA, MASAYUKI, JP

[72] TAKAHASHI, TAKEO, JP

[73] KUREHA CORPORATION, JP

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[54] **PROCEDE DE TRAITEMENT DE SIGNAL ET STATION DE BASE**

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[73] HUAWEI TECHNOLOGIES CO., LTD., CN

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[54] **CATHETER ASSEMBLY WITH SEAL MEMBER**

[54] **ENSEMBLE CATHETER AYANT UN ELEMENT D'ETANCHEITE**

[72] GORAL, DAVID J., US

[72] ROEHL, CHRISTOPHER D., US

[72] MUSKATELLO, JAMES M., US

[72] MUNAVALLI, MAHESH, US

[72] MICHAUD, JOCELYN C., US

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[73] SMITHS MEDICAL ASD, INC., US

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[54] **STRIP-SHAPED STEEL CORD**

[54] **CARCASSE METALLIQUE EN FORME DE BANDE**

[72] TAMADA, AKIRA, JP

[72] MURAKAMI, YUUKI, JP

[72] OHASHI, SHOUICHI, JP

[72] SUGIMARU, SATOSHI, JP

[73] TOKYO ROPE MANUFACTURING CO., LTD., JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **GRINDING ROLLER AND METHOD AND APPARATUS FOR PROCESSING A GRINDING ROLLER**

[54] **CYLINDRE BROEUR, ET PROCEDE ET DISPOSITIF POUR USINER UN CYLINDRE BROEUR**

[72] SCHROEDER, HEINZ, DE

[72] LORENZ, SILVIO, DE

[72] SCHIEFER, DIRK, DE

[72] MARTENS, RALF, DE

[72] BURCHARDT, EGBERT, DE

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[54] **MANUFACTURES, METHODS AND STRUCTURES TO REDUCE ENERGY TRANSFER IN BUILDING CURTAIN WALLS**

[54] **FABRICATION, METHODES ET STRUCTURES DE REDUCTION DE TRANSFERT D'ENERGIE DANS LES MURS-RIDEAUX DE BATIMENT**

[72] DOLBY, JEFFREY SCOTT, US

[72] MCKENNA, GREGORY BLAKE, US

[72] NAPORA, NICHOLAS ALAN, US

[73] ARCONIC INC., US

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[54] **SYSTEMS AND METHODS FOR CONTEXTUAL CALLER IDENTIFICATION**

[54] **SYSTEMES ET PROCEDES POUR UNE IDENTIFICATION CONTEXTUELLE D'APPELANT**

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[73] GOOGLE INC., US

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[54] **TRANSDUCER CABLE ASSEMBLY AND FLOW METER EMPLOYING SAME**

[54] **ENSEMBLE CABLE DE TRANSDUCTEUR ET DEBITMETRE L'EMPLOYANT**

[72] ALLEN, CHARLES ROBERT, US

[73] DANIEL MEASUREMENT AND CONTROL, INC., US

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[54] **SYSTEM ARRANGEMENT OF LIFTING MECHANISMS AND METHOD OF OPERATING THE SYSTEM ARRANGEMENT**

[54] **ARRANGEMENT DE SYSTEME DE MECANISMES DE LEVAGE ET PROCEDE POUR FAIRE FONCTIONNER L'ARRANGEMENT DE SYSTEME**

[72] LAUTWEIN, CHRISTOF, DE

[72] WAGENER, CHRISTOPH, DE

[73] M.A.T. MALMEDIE ANTRIEBSTECHNIK GMBH, DE

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[54] **COMPOSITION DE SOIN DES TISSUS RENFERMANT DES COPOLYMERES DE GLYCERIDE**
[72] SCHUBERT, BETH ANN, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] ZANNONI, LUKE ANDREW, US
[72] URBIN, STEPHANIE ANN, US
[72] SIVIK, MARK ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SUBSEA INTERNAL RISER ROTATING CONTROL DEVICE SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE APPLICABLE A UN DISPOSITIF DE COMMANDE ROTATIF DE COLONNE INTERNE DE MONTEE IMMERGEE**
[72] BAILEY, THOMAS F., US
[72] WAGONER, DANNY W., US
[72] ANDERSON, WAYBOURN J., JR., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **A METHOD FOR IMPROVING PARAFFINIC FROTH TREATMENT PROCESS IN OIL SANDS EXTRACTION**
[54] **UNE METHODE D'AMELIORATION DU PROCEDE DE TRAITEMENT DE MOUSSE PARAFFINIQUE DANS L'EXTRACTION DES SABLES BITUMINEUX**
[72] COOK, CHARLES J., CA
[72] SUTTON, CLAY R., US
[72] NELSON, ERIC, US
[72] BYRON, KATHRYN, CA
[72] ADEYINKA, OLUSOLA B., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **RESIN MOLDED ARTICLE FOR AUTOMOBILE INTERIOR MATERIAL**
[54] **OBJET MOULE EN RESINE POUR MATERIAU D'INTERIEUR D'AUTOMOBILE**
[72] NOSE, KENTA, JP
[72] SAITO, KOICHI, JP
[72] YAMADA, OSAMI, JP
[72] ISHII, HIROYUKI, JP
[72] TANIGUCHI, DAISUKE, JP
[73] SANYO CHEMICAL INDUSTRIES, LTD., JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **OUTIL DE TRAITEMENT DE TUYAU AVEC ELEMENTS DE DEFORMATION DE TUYAU**
[72] LAVALLEY, JASON, US
[72] LARSON, DANIEL, US
[72] KILDE, JESSE, US
[73] LAVALLEY INDUSTRIES, LLC, US
[85] 2016-10-11
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[54] **ROTATABLE AWNING WITH ILLUMINATION**
[54] **AUVENT ROTATIF A ECLAIRAGE**
[72] TAYLOR, BRENT ALAN, US
[73] DOMETIC CORPORATION, US
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[73] CARGOTEC RESEARCH & DEVELOPMENT IRELAND LIMITED, IE
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[71] NATIONAL OILWELL VARCO, L.P.,
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[72] LEVATTE, RONELL, US
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[54] **TONGS DOTEES D'UN DISPOSITIF DE COMMUNICATION**

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[71] FLIP FLOP FONE, CA

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[71] EL-CHAKIEH, STEPHANIE SE, CA

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[72] WANG, GUOQING, CA

[71] WANG, GUOQING, CA

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[54] **HOUSING ASSEMBLY INCLUDING CRADLE ASSEMBLIES CONFIGURED TO SUPPORT TATTOO MACHINES**

[54] **ASSEMBLAGE DE LOGEMENT COMPORTANT DES ASSEMBLAGES DE BERCEAU CONFIGURES POUR SUPPORTER DES MACHINES DE TATOUAGE**

[72] HOFUNG, WEIZHONG, CA

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[72] VAN VLIET, SCOTT M., CA

[72] HANNIGAN, SEAN, CA

[72] BROUSSEAU, CHARLES, CA

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[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**

[72] PURDY, CLAY, CA

[72] JAMIESON, ALEXANDER DAVID, CA

[72] WEISSENBERGER, MARKUS, CA

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[54] **POLYMERES REDUCTEURS DE FRICTION DESTINES AU TRANSPORT D'EAU DE TRAITEMENT RECYCLEE DANS LES PROCEDES DE RECUPERATION DE SABLES BITUMINEUX**

[72] TIZZOTTI, MORGAN, FR

[72] QUILLIEN, BERNARD, FR

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[54] **UN PROCEDE DE PRODUCTION DE PHOSPHATE DE THORIUM**

[72] MISHRA, PROMOD KUMAR, IN

[72] MISHRA, BIGHNA RAJ, IN

[72] MOHANTY, DIHRENDRA, IN

[72] ASNANI, C. K., IN

[72] PATRA, R. N., IN

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[72] LEDUC, SIMON, CA

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[54] **MECANISME DE COUPE DE RECOLTEUSE**

[72] HONEY, GLENN, CA

[72] HARPER, LEE GLENN, CA

[71] HONEY BEE MANUFACTURING LTD., CA

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[54] **THIRD EYE**

[54] **TROISIEME OEIL**

[72] KOOZEHIKANANITORBATI, ARASH AK, IR

[71] KOOZEHIKANANITORBATI, ARASH AK, IR

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[25] EN

[54] **AUTOMATED PALLET STORAGE AND RETRIEVAL SYSTEM**

[54] **SYSTEME DE RANGEMENT ET EXTRACTION DE PALETTES AUTOMATISES**

[72] BRUMM, CHRISTOPHER, US

[72] RAMANKUTTY, MOHAN, US

[72] TIPTON, RODNEY, US

[72] MITCHELL, PAT, US

[71] SWISSLOG LOGISTICS, INC., US

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[54] **MULTI-PURPOSE CLEANER SYSTEM**

[54] **SYSTEME DE NETTOYEUR MULTIUSAGE**

[72] GARYALI, AMIT, CA

[72] RAMJI, DARSHNA, CA

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[54] **POLE-CLAMP SYSTEM AND METHOD**

[54] **SYSTEME DE PINCE-TUYAU ET METHODE**

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[72] MOORE, MICHAEL, CA

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[54] **WINDSHIELD WIPER LIFTER**

[54] **DISPOSITIF DE SOULEVEMENT D'ESSUIE-GLACE**

[72] WILLIAMS, MICHAEL R.G., CA

[71] WILLIAMS, MICHAEL R.G., CA

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[21] 2,937,888 [13] A1 [51] Int.Cl. B04C 5/08 (2006.01) [25] EN [54] DUAL CYCLONE SEPARATOR [54] SEPARATEUR CYCLONIQUE DOUBLE [72] ERNST, KENNETH A., CA [72] GREEN, MATTHEW J., CA [72] KOCKEN, MORLEY E., CA [72] CONNOLLY, BRENDAN A., CA [71] JCI CYCLONIC TECHNOLOGIES LTD., CA [22] 2016-08-03 [41] 2018-02-03	[21] 2,939,724 [13] A1 [51] Int.Cl. G06F 13/42 (2006.01) G06Q 50/20 (2012.01) G09B 5/00 (2006.01) [25] EN [54] A SECURE EDUCATION PLATFORM FOR GEOGRAPHICAL AREAS WITH LIMITED INTERNET ACCESS [54] UNE PLATEFORME D'EDUCATION SECURISEE DESTINEE A DES ZONES GEOGRAPHIQUES AYANT UN ACCES INTERNET LIMITE [72] BENALI, MEJDA, ZZ [72] BENSEBAA, FARID, CA [72] FOUZAR, YUCEF, ZZ [72] MOKHTARI, YASSINE, ZZ [71] ALL TIC SOLUTIONS INC., CA [22] 2016-08-03 [41] 2018-02-03	[21] 2,960,510 [13] A1 [51] Int.Cl. F16K 1/22 (2006.01) [25] EN [54] BUTTERFLY VALVE UTILIZING SPRING FOR CONSISTENT DISK PLACEMENT [54] VANNE A PAPILLON DOTE E D'UN RESSORT PERMETTANT LE DEPLACEMENT CONSISTANT DU DISQUE [72] PINTO, PETER S., US [71] SCC, INC., US [22] 2017-03-10 [41] 2018-02-03 [30] US (15/227,636) 2016-08-03
[21] 2,937,891 [13] A1 [51] Int.Cl. A01C 5/06 (2006.01) A01B 35/26 (2006.01) [25] EN [54] PAIRED ROW FURROW OPENER [54] OUVREUR DE SILLON APPARIE [72] WICKSTROM, VICTOR A., CA [71] WICKSTROM, VICTOR A., CA [22] 2016-08-03 [41] 2018-02-03	[21] 2,941,138 [13] A1 [51] Int.Cl. A23K 10/30 (2016.01) A23K 10/20 (2016.01) A23K 20/00 (2016.01) A23K 40/00 (2016.01) A23K 50/40 (2016.01) A01K 13/00 (2006.01) A01K 29/00 (2006.01) [25] EN [54] AN EDIBLE PET CHEW [54] UN ALIMENT A MACHER DESTINE A UN ANIMAL DE COMPAGNIE [72] QIU, SHAO DONG, CN [71] HUA & YI (SHANGHAI) CO., LTD, CN [22] 2016-09-06 [41] 2018-02-03 [30] CN (201610630054.5) 2016-08-03	[21] 2,961,871 [13] A1 [51] Int.Cl. G08B 13/196 (2006.01) H02S 40/38 (2014.01) H02J 7/35 (2006.01) H04N 5/232 (2006.01) [25] EN [54] SURVEILLANCE CAMERA AND METHOD OF AUTONOMOUSLY CAPTURING IMAGES USING SAME [54] CAMERA DE SURVEILLANCE ET METHODE DE CAPTURE AUTONOME D'IMAGE AU MOYEN DE LADITE CAMERA [72] GAGNON, YAN, CA [72] DION, FRANCOIS, CA [72] RAN COURT, JEROME, CA [71] 9138-4529 QUEBEC INC., CA [22] 2017-03-24 [41] 2018-02-02 [30] US (62/369,985) 2016-08-02
[21] 2,937,896 [13] A1 [51] Int.Cl. A61K 31/422 (2006.01) A61P 35/02 (2006.01) C12Q 1/06 (2006.01) G01N 33/48 (2006.01) [25] EN [54] USE OF MUBRITINIB FOR THE TREATMENT OF POOR PROGNOSIS ACUTE MYELOID LEUKEMIA [54] UTILISATION DE MUBRITINIB POUR LE TRAITEMENT D'UN MAUVAIS DIAGNOSTIC DE LEUCEMIE MYELOIDE AIGUE [72] SAUVAGEAU, GUY, CA [72] BACCELLI, IRENE, CA [71] UNIVERSITE DE MONTREAL, CA [22] 2016-08-02 [41] 2018-02-02	[21] 2,942,465 [13] A1 [51] Int.Cl. E04H 15/08 (2006.01) B60P 3/32 (2006.01) E04F 10/02 (2006.01) E04F 10/06 (2006.01) [25] EN [54] AWNING ASSEMBLY [54] ASSEMBLAGE D'AUVENT [72] MEYERS, CLAYTON HENDRY, US [72] ALBERTSON, KYLE PATRICK, US [71] DOMETIC SWEDEN AB, SE [22] 2016-09-20 [41] 2018-01-29 [30] US (15/223,825) 2016-07-29	[21] 2,963,754 [13] A1 [51] Int.Cl. C12M 1/34 (2006.01) C12Q 1/06 (2006.01) G01N 33/24 (2006.01) [25] EN [54] MEMBRANE COMPOSITIONS FOR ESTIMATING SOIL MICROBIAL LOAD [54] COMPOSITIONS DE MEMBRANE SERVANT A ESTIMER LA CHARGE MICROBIENNE DU SOL [72] FITZPATRICK, JUDITH, US [71] PROLIFIC EARTH SCIENCES CORPORATION, US [22] 2017-04-07 [41] 2018-02-02 [30] US (15/226,214) 2016-08-02

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[21] **2,964,988**
 [13] A1

[51] **Int.Cl. F02C 7/04 (2006.01) B64C 11/14 (2006.01) B64D 33/00 (2006.01) F01D 5/02 (2006.01) F02C 7/057 (2006.01)**

[25] EN

[54] **ASSEMBLY AND METHOD FOR INFLUENCING FLOW THROUGH A FAN OF A GAS TURBINE ENGINE**

[54] **SYSTEME ET METHODE D'INFLUENCE DU FLUX DANS UN VENTILATEUR D'UNE TURBINE A GAZ**

[72] DUONG, HIEN, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2017-04-21

[41] 2018-01-28

[30] US (15/222,307) 2016-07-28

[21] **2,965,416**
 [13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) A47G 29/087 (2006.01)**

[25] EN

[54] **VACUUM ACCESSORY STORAGE SYSTEM AND METHOD**

[54] **SYSTEME DE RANGEMENT D'ACCESSOIRE D'ASPIRATEUR ET METHODE**

[72] FRY, KEVIN D., US

[71] SHOP VAC CORPORATION, US

[22] 2017-04-26

[41] 2018-02-03

[30] US (15/227,396) 2016-08-03

[21] **2,966,182**
 [13] A1

[51] **Int.Cl. F02C 7/24 (2006.01) B64C 7/02 (2006.01) B64D 29/00 (2006.01) F01D 25/24 (2006.01) F01D 25/26 (2006.01)**

[25] EN

[54] **LINER ASSEMBLY, ENGINE HOUSING, AND METHODS OF ASSEMBLING THE SAME**

[54] **ASSEMBLAGE DE REVETEMENT INTERIEUR, LOGEMENT DE MOTEUR ET METHODES D'ASSEMBLAGE ASSOCIEES**

[72] FOLLET, JESSE IAN, US

[72] SHIVASHANKARA, BELUR N., US

[72] VANDEMARK, ZACHARIAH BEACH, US

[72] HEBERT, LEONARD J., US

[71] THE BOEING COMPANY, US

[22] 2017-05-05

[41] 2018-01-28

[30] US (15/222330) 2016-07-28

[21] **2,966,747**
 [13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) H01R 13/73 (2006.01) H01R 24/86 (2011.01)**

[25] EN

[54] **MULTI-PROTOCOL CHARGE PORT FOR AN ELECTRIC VEHICLE**

[54] **ORIFICE DE CHARGE MULTI-PROTOCOLE DESTINE A UN VEHICULE ELECTRIQUE**

[72] GERBER, JOHN A., US

[72] MCGRATH, SEAMUS T., US

[72] INNES, ROGER A., US

[72] MCCARTNEY, TIMOTHY J., US

[72] SHAH, KEYUR M., US

[71] PROTERRA INC., US

[22] 2017-05-10

[41] 2018-02-03

[30] US (15/227,163) 2016-08-03

[21] **2,968,101**
 [13] A1

[51] **Int.Cl. H01P 1/16 (2006.01) H01P 3/123 (2006.01)**

[25] EN

[54] **MULTI-MODE WAVEGUIDE**

[54] **GUIDE D'ONDES MULTIMODE**

[72] SAVAGE, LARRY L., US

[72] DABROWSKI, TED R., US

[72] THACKER, COREY M., US

[71] THE BOEING COMPANY, US

[22] 2017-05-18

[41] 2018-01-28

[30] US (15/222,836) 2016-07-28

[21] **2,968,136**
 [13] A1

[51] **Int.Cl. B29C 70/46 (2006.01)**

[25] EN

[54] **FORCE RESPONSIVE PRE-IMPREGNATED COMPOSITE METHODS, SYSTEMS AND APPARATUSES**

[54] **METHODES, SYSTEMES ET APPAREILS RELATIFS A DES COMPOSITES PREIMPREGNES REAGISSANT A LA FORCE**

[72] SHAW, PAUL D., US

[72] SURIYAARACHCHI, RAVIENDRA S., US

[72] HEATH, RICHARD E., US

[71] THE BOEING COMPANY, US

[22] 2017-05-24

[41] 2018-02-01

[30] US (15/225411) 2016-08-01

[21] **2,968,584**
 [13] A1

[51] **Int.Cl. B05B 1/02 (2006.01) B64D 13/00 (2006.01) F24F 13/06 (2006.01)**

[25] EN

[54] **THREE DIMENSIONAL PINCHED AIRFLOW NOZZLE AND METHODS FOR USE THEREOF**

[54] **BUSE DE CIRCULATION D'AIR PINCEE TRIDIMENSIONNELLE ET METHODES D'UTILISATION ASSOCIEES**

[72] AL-ALUSI, THAMIR R., US

[71] THE BOEING COMPANY, US

[22] 2017-05-26

[41] 2018-01-28

[30] US (15/222,566) 2016-07-28

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[21] 2,970,184 [13] A1 [51] Int.Cl. E04D 1/30 (2006.01) [25] EN [54] IMPROVED MULTI-LAYERED CAP SHINGLE WITH ENHANCED WIND PERFORMANCE AND METHOD OF MAKING SAME [54] BARDEAU D'EMBOUT MULTICOUCHE AMELIORE AYANT UNE RESISTANCE AMELIOREE AU VENT ET METHODE DE FABRICATION ASSOCIEE [72] DUQUE, LUIS, US [72] SHIAO, MING-LIANG, US [72] RAILKAR, SUDHIR, US [71] BUILDING MATERIALS INVESTMENT CORPORATION, US [22] 2017-06-09 [41] 2018-01-28 [30] US (62/368,058) 2016-07-28	[21] 2,971,432 [13] A1 [51] Int.Cl. F16P 3/12 (2006.01) B25J 19/00 (2006.01) F16P 3/14 (2006.01) [25] EN [54] USING HUMAN MOTION SENSORS TO DETECT MOVEMENT WHEN IN THE VICINITY OF HYDRAULIC ROBOTS [54] UTILISATION DE DETECTEURS DE MOUVEMENTS HUMAINS POUR DETECTER LE MOUVEMENT LORSQU'A PROXIMITE DE ROBOTS HYDRAULIQUES [72] WHELAN, JOHN DESMOND, US [72] LEWIS, MELISSA H., US [71] THE BOEING COMPANY, US [22] 2017-06-20 [41] 2018-01-28 [30] US (15/222008) 2016-07-28	[21] 2,972,716 [13] A1 [51] Int.Cl. G01N 27/06 (2006.01) G01N 15/10 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR DETECTING CHIPS IN FLUID OF AIRCRAFT ENGINE [54] SYSTEMES ET METHODES DE DETECTION DE COPEAUX DANS UN FLUIDE D'UN MOTEUR D'AVION [72] RICCI, THOMAS TREVOR, CA [72] LAM, SIMON SAI-MING, CA [72] JARVO, JAMES ROBERT, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2017-07-06 [41] 2018-02-01 [30] US (15/357,282) 2016-11-21 [30] US (62/369,601) 2016-08-01
[21] 2,971,314 [13] A1 [51] Int.Cl. C08G 18/16 (2006.01) C08G 18/30 (2006.01) C08G 18/72 (2006.01) C08J 9/02 (2006.01) [25] FR [54] FABRICATION PROCESS FOR MODIFIED POLYURETHANE FOAM, FOAM THUS OBTAINED AND USES THEREOF [54] PROCEDE DE FABRICATION D'UNE MOUSSE POLYURETHANE-MODIFIEE, MOUSSE OBTENUE ET UTILISATIONS [72] ARBENZ, ALICE, FR [72] LAURICHESSE, STEPHANIE, FR [72] PERRIN, REMI, FR [72] BINDSCHEDLER, PIERRE ETIENNE, FR [72] AVEROUS, LUC, FR [71] SOPREMA, FR [71] UNIVERSITE DE STRASBOURG, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [22] 2017-06-19 [41] 2018-01-28 [30] FR (16 70413) 2016-07-28	[21] 2,971,904 [13] A1 [51] Int.Cl. A47G 9/10 (2006.01) A47D 13/02 (2006.01) B68G 11/00 (2006.01) [25] EN [54] NURSING PILLOW AND KIT, AND METHOD OF USING THE SAME [54] OREILLER D'ALLAITEMENT ET TROUSSE, ET METHODE DE FABRICATION ASSOCIEE [72] CLAVEAU, JUSTINE, CA [71] CLAVEAU, JUSTINE, CA [22] 2017-06-27 [41] 2018-01-31 [21] 2,972,626 [13] A1 [51] Int.Cl. G05D 11/13 (2006.01) F01K 13/00 (2006.01) G05B 7/00 (2006.01) G05B 21/00 (2006.01) G05D 11/16 (2006.01) [25] EN [54] MULTI-OBJECTIVE STEAM TEMPERATURE CONTROL [54] CONTROLE DE LA TEMPERATURE DE VAPEUR MULTIOBJECTIF [72] CHENG, XU, US [72] RAO, RANJIT R., US [72] WHALEN, RICHARD J., US [71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US [22] 2017-07-05 [41] 2018-01-29 [30] US (15/223,704) 2016-07-29	[21] 2,972,727 [13] A1 [51] Int.Cl. F02C 9/28 (2006.01) F02C 7/22 (2006.01) F02C 9/26 (2006.01) [25] EN [54] SYSTEM AND METHOD FOR CONTROL OF GAS TURBINE ENGINE [54] SYSTEME ET METHODE DE COMMANDE D'UNE TURBINE A GAZ [72] MEUNIER, GABRIEL, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2017-07-06 [41] 2018-01-29 [30] US (15/367,585) 2016-12-02 [30] US (62/368,746) 2016-07-29 [21] 2,972,955 [13] A1 [51] Int.Cl. E03C 1/22 (2006.01) E03C 1/23 (2006.01) [25] EN [54] HIGH FLOW DRAIN CONTROL [54] CONTROLE DE DRAIN A ECOULEMENT ELEVE [72] MCALPINE, JAMES EDWARD, GB [72] MCALPINE, ROBERT GEMMELL, GB [72] MCKENDRICK, CHRISTOPHER, GB [71] MCALPINE & CO. LTD., GB [22] 2017-07-11 [41] 2018-02-01 [30] GB (1613213.6) 2016-08-01

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[21] 2,973,027
[13] A1

[51] Int.Cl. E21B 19/02 (2006.01) E21B 19/06 (2006.01)

[25] EN

[54] TUBING HANGER SYSTEM, AND METHOD OF TENSIONING PRODUCTION TUBING IN A WELLBORE

[54] SYSTEME DE COLLIER A COINS POUR TUBES DE PRODUCTION, ET METHODE DE MISE SOUS TENSION DE TUBES DE PRODUCTION DANS UN TROU DE FORAGE

[72] ROSS, STEPHEN C., US

[72] HINDS, ORLAND J., US

[71] ROSS, JERRY D., US

[22] 2017-07-11

[41] 2018-02-03

[30] US (62/370,524) 2016-08-03

[30] US (15/643,202) 2017-07-06

[21] 2,973,033
[13] A1

[51] Int.Cl. C07D 473/34 (2006.01) A61K 31/52 (2006.01) A61P 29/00 (2006.01)

[25] EN

[54] CRYSTAL OF 5-((2-(6-AMINO)-9H-PURIN-9-YL)ETHYL)AMINO)PENTAN-1-OL

[54] CRISTAL DE 5-((2-(6-AMINO)-9H-PURIN-9-YL)ETHYL)AMINO)PENTAN-1-OL

[72] ZHUO, MIN, HK

[71] FOREVER CHEER INTERNATIONAL LIMITED, HK

[22] 2017-07-11

[41] 2018-02-01

[30] JP (2016-151029) 2016-08-01

[21] 2,973,256
[13] A1

[51] Int.Cl. B65F 3/04 (2006.01) B65F 3/02 (2006.01)

[25] EN

[54] SINGLE ARM LIFTER ASSEMBLY FOR INTERMEDIATE REFUSE COLLECTION CONTAINER

[54] ASSEMBLAGE DE LEVAGE DE BRAS SIMPLE DESTINE A UN CONTENANT DE COLLECTE DE DECHETS INTERMEDIAIRE

[72] ARREZ, CARLOS, US

[71] PERKINS MANUFACTURING CO., US

[22] 2017-07-12

[41] 2018-01-29

[30] US (62/368,493) 2016-07-29

[30] US (15/646,232) 2017-07-11

[21] 2,973,293
[13] A1

[51] Int.Cl. B65D 81/34 (2006.01) B65D 1/40 (2006.01)

[25] EN

[54] MICROWAVEABLE CONTAINER

[54] CONTENANT DE CUISSON AUX MICRO-ONDES

[72] BAREA, HECTOR J., US

[72] TERRILL, MARK T., JR., US

[72] LUO, JIANJUN, US

[71] DART INDUSTRIES INC., US

[22] 2017-07-13

[41] 2018-01-29

[30] US (15/223,132) 2016-07-29

[21] 2,973,365
[13] A1

[51] Int.Cl. B60J 1/02 (2006.01) B60J 1/20 (2006.01)

[25] EN

[54] CLAMP FOR CLAMPING A WINDSHIELD TO A FRAME OF A VEHICLE

[54] PINCE DESTINEE A Pincer UN PARE-BRISE A UN CHASSIS D'UN VEHICULE

[72] CLOUTIER, FRANCIS, CA

[72] BERTHELETTE, MIGUEL, CA

[72] LAPOINTE, ALEXANDRE, CA

[72] DOREGO, STEVE, CA

[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA

[22] 2017-07-14

[41] 2018-02-03

[30] US (62/370,309) 2016-08-03

[21] 2,973,449
[13] A1

[51] Int.Cl. G06T 11/00 (2006.01) G06T 7/00 (2017.01)

[25] EN

[54] METHOD, DEVICE AND SYSTEM FOR SIMULATING SHADOW IMAGES

[54] METHODE, DISPOSITIF ET SYSTEME DE SIMULATION D'IMAGES OMBREES

[72] DE VAAN, JAN, NL

[72] HEIL, PETER, NL

[71] 3MENSIO MEDICAL IMAGING B.V., NL

[22] 2017-07-14

[41] 2018-02-01

[30] EP (16182125) 2016-08-01

[21] 2,973,496
[13] A1

[51] Int.Cl. B27K 3/34 (2006.01)

[25] EN

[54] FIRE-RESISTANT WOOD PRODUCTS AND RELATED TECHNOLOGY

[54] PRODUITS DE BOIS IGNIFUGES ET TECHNOLOGIE ASSOCIEE

[72] WINTEROWD, JACK, US

[72] PARKER, ERIK M., US

[72] ROBAK, GLEN D., US

[71] WEYERHAEUSER NR COMPANY, US

[22] 2017-07-13

[41] 2018-01-29

[30] US (15/224,350) 2016-07-29

[21] 2,973,562
[13] A1

[51] Int.Cl. G06F 19/00 (2018.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)

[25] EN

[54] GIFT-TRANSFER SYSTEM

[54] SYSTEME DE TRANSFERT DE CADEAU

[72] SCHIMKE, SCOTT A., US

[71] HALLMARK CARDS, INCORPORATED, US

[22] 2017-07-14

[41] 2018-02-03

[30] US (15/227,779) 2016-08-03

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[21] 2,973,683
[13] A1

[51] Int.Cl. B25F 5/00 (2006.01) H02J 7/00 (2006.01) H02P 1/00 (2006.01)

[25] EN

[54] **POWER TOOL ELECTRONICS**

[54] **DISPOSITIFS ELECTRONIQUES D'OUTIL ELECTRIQUE**

[72] CLACK, JUSTIN, US

[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO

[22] 2017-07-17

[41] 2018-01-29

[30] US (15/223,400) 2016-07-29

[21] 2,973,688
[13] A1

[51] Int.Cl. E04F 15/18 (2006.01) E04F 15/024 (2006.01) E04F 15/22 (2006.01) E04F 21/20 (2006.01) E04F 21/22 (2006.01)

[25] EN

[54] **PROFILED ELEMENT FOR LAYING RAISED FLOORS, AND RAISED FLOOR COMPRISING SUCH PROFILED ELEMENT**

[54] **ELEMENT PROFILE DESTINE A LA POSE DE PLANCHERS SURELEVES, ET PLANCHER SURELEVE COMPORTANT UN TEL ELEMENT PROFILE**

[72] BORDIN, DENNIS, IT

[71] PROGRESS PROFILES SPA, IT

[22] 2017-07-14

[41] 2018-02-03

[30] IT (102016000081448) 2016-08-03

[21] 2,973,791
[13] A1

[51] Int.Cl. H04W 56/00 (2009.01) G06F 13/00 (2006.01) G06F 17/30 (2006.01)

[25] EN

[54] **ELECTRONIC DEVICE AND METHOD OF MANAGING DATA TRANSFER**

[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE GESTION DE TRANSFERT DE DONNEES**

[72] EWANCHUK, ANDREW JOHN, CA

[72] PURI, RONESE, CA

[72] BROWN, DAVID ANDREW, CA

[71] BLACKBERRY LIMITED, CA

[22] 2017-07-14

[41] 2018-02-02

[30] US (15/226,755) 2016-08-02

[21] 2,973,844
[13] A1

[51] Int.Cl. H04L 12/58 (2006.01) B64D 47/00 (2006.01) G08G 5/00 (2006.01)

[25] EN

[54] **SYSTEM AND METHODS FOR PROVIDING SECURE DATA CONNECTIONS IN AN AVIATION ENVIRONMENT**

[54] **SYSTEME ET METHODES DE FOURNITURE DE CONNEXIONS DE DONNEES SECURISEES DANS UN ENVIRONNEMENT D'AVIATION**

[72] MITCHELL, TIMOTHY, US

[72] LETNEY, GORDON EDWARD, US

[72] LUSCHEL, KEVIN JAMES, US

[72] ANSTEY, TIMOTHY WILLIAM, US

[72] BUSH, JOHN, US

[72] MAGNUSON, STEVE, US

[71] THE BOEING COMPANY, US

[22] 2017-07-18

[41] 2018-02-01

[30] US (15/225397) 2016-08-01

[21] 2,973,854
[13] A1

[51] Int.Cl. B64D 37/32 (2006.01) A62C 2/04 (2006.01) A62C 3/08 (2006.01) B64D 13/00 (2006.01)

[25] FR

[54] **INERTING PROCESS AND DEVICE FOR A FUEL RESERVOIR**

[54] **PROCEDE ET DISPOSITIF D'INERTAGE D'UN RESERVOIR DE CARBURANT**

[72] GIROUD, NELLY, FR

[72] REYNARD, BRUNO, FR

[72] VANDROUX, OLIVIER, FR

[72] MYSLIWIEC, EMILIE, FR

[71] ZODIAC AEROTECHNICS, FR

[22] 2017-07-19

[41] 2018-02-03

[30] FR (1657547) 2016-08-03

[21] 2,973,869
[13] A1

[51] Int.Cl. B01D 67/00 (2006.01) B01D 69/00 (2006.01)

[25] FR

[54] **CONTROL PROCESS FOR AN UNDULATING MEMBRANE PUMP, AND CONTROL SYSTEM FOR AN UNDULATING MEMBRANE PUMP**

[54] **PROCEDE DE PILOTAGE D'UNE POMPE A MEMBRANE ONDULANTE, ET SYSTEME PILOTE DE POMPE A MEMBRANE ONDULANTE**

[72] DUMAS, FLORIAN, FR

[72] REYNARD, BRUNO, FR

[72] RUDLOFF, MATTHEU, FR

[72] TRAVERS, NICOLAS, FR

[71] ZODIAC AEROTECHNICS, FR

[22] 2017-07-19

[41] 2018-02-02

[30] FR (1657507) 2016-08-02

[21] 2,973,874
[13] A1

[51] Int.Cl. G06Q 10/06 (2012.01)

[25] EN

[54] **ADAPTIVE RESOURCE ALLOCATION**

[54] **ALLOCATION DE RESSOURCE ADAPTATIVE**

[72] GUTHRIDGE, GREGORY, CA

[72] AUSTIN, JOHN, CA

[72] WONG, CARSON, CA

[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB

[22] 2017-07-19

[41] 2018-01-29

[30] US (15/223,569) 2016-07-29

**Canadian Applications Open to Public Inspection
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[21] 2,973,983
[13] A1

[51] Int.Cl. G05D 1/10 (2006.01)
[25] EN
[54] **INTEGRATED FLIGHT MANAGEMENT SYSTEM AND FLIGHT DIRECTOR**
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[72] OVENS, NORMAN LEONARD, US
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[71] GE AVIATION SYSTEMS LLC, US
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[71] GE AVIATION SYSTEMS LLC, US
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[54] **SYSTEMES ET METHODES DE BUS DE TRAITEMENT SANS CONFIGURATION A REDONDANCE ARCHITECTURALE DANS LES SOUS-STATIONS NUMERIQUES**
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[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[72] MANAHAN, JOSEPH M., US
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[72] CHOPRA, NAVEEN, CA
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[72] MOFFAT, KAREN A., CA
[72] LAWTON, DAVID J.W., CA
[72] DAVIS, MELANIE L., CA
[72] MORALES-TIRADO, JUAN A., US
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[72] BROCKMAN, KATHRYNE S., CA
[72] D'AMATO, MICHAEL J., CA
[72] LEE, FRANK PING HAY, CA
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 [54] **LIEN D'INCLINAISON-COULISSEMENT A CAMES A DOUBLE BLOCAGE**
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 [72] KANUNGO, MANDAKINI, US
 [72] TAFT, KEVIN H., US
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 [72] MEI, PING, US
 [72] HU, NAN-XING, CA
 [72] WHITING, GREGORY, US
 [72] ABRAHAM, BIBY ESTHER, CA
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 [72] CHEN, JIAN GUO, CN
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 [71] FISH GUIDANCE SYSTEMS LTD, GB
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 [72] PROVOST, GABRIEL, CA
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 [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] MODULE DE PALIER SERVANT A AJUSTER L'ANGLE D'ATTAQUE D'AUBE DE ROTOR DANS UNE CENTRALE ELECTRIQUE SOUS-MARINE

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[72] HOPFER, JONAS, DE

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[72] BOURBIAUX, BERNARD, FR

[72] PREUX, CHRISTOPHE, FR

[72] NABZAR, LAHCEN, FR

[72] BRACONNIER, BENJAMIN, FR

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[72] KEARL, JACOB, US

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[72] LADNER, JIMMY DALE, US
[72] MATHIESON, TIMOTHY MICHAEL,
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AND RECLINE LINKAGE WITH
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[54] **FAUTEUIL INCLINABLE
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[13] A1

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[54] **LIAISON D'INCLINAISON DE
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[72] LAWSON, GREGORY MARK, US
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[54] **PACIFIER ASSEMBLY
COMPRISING OUTER
CONTAINER, WRISTBAND, AND
TETHER**
[54] **ENSEMBLE DE SUCETTE
COMPRENANT UN CONTENANT
EXTERIEUR, UNE BANDE DE
POIGNET ET UNE ATTACHE**
[72] TODD, DONALD LOVELESS, US
[72] FORREST, PAUL BRADLEY, US
[71] TWL, LLC, US
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[30] US (15/417,202) 2017-01-26

[21] **2,974,738**
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[51] **Int.Cl. E02F 5/10 (2006.01) E02D
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[54] **PIPE TRENCH SYSTEM**
[54] **SYSTEME DE TRANCHEE POUR
TUYAU**
[72] DOLAR, RONALD E., US
[72] CUMMINGS, DAN C., US
[72] ALBRECHT, STEVEN M., US
[72] MARSHALL, RUSSELL D., US
[72] HEAD, BOBBY G., US
[72] BARDELL, TIMOTHY W., US
[71] AD PRODUCTS, LLC, US
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[30] US (15/222,892) 2016-07-28

[21] **2,974,739**
[13] A1

[51] **Int.Cl. E04C 3/02 (2006.01) E04C 3/04
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[54] **TRUSS STRUCTURE**
[54] **STRUCTURE DE POUTRELLE**
[72] LAFONTAINE BERGER,
STEPHANE, CA
[71] LAFONTAINE BERGER,
STEPHANE, CA
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[25] EN

[54] **TONGS FOR FOOD PREPARATION AND A METHOD FOR PREPARING FOOD USING TONGS**

[54] **PINCES SERVANT A LA PREPARATION D'ALIMENTS ET UNE METHODE DE PREPARATION D'ALIMENTS AU MOYEN DE PINCES**

[72] LABBEE, MATTHIAS, CA

[72] LABBEE, JONATHAN, CA

[72] GOSSELIN, NICOLAS, CA

[71] LABBEE, MATTHIAS, CA

[71] LABBEE, JONATHAN, CA

[71] GOSSELIN, NICOLAS, CA

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[51] Int.Cl. H02J 13/00 (2006.01) B60H 1/32 (2006.01) B60P 3/20 (2006.01) G05D 23/19 (2006.01) H02J 7/00 (2006.01)

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[54] **MOBILE HYBRID ELECTRIC REFRIGERATION SYSTEM**

[54] **SYSTEME DE REFRIGERATION ELECTRIQUE HYBRIDE MOBILE**

[72] ZAERI, SAEED, CA

[72] JOHNSTON, PETER T., CA

[71] VOLTA AIR TECHNOLOGY INC., CA

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[41] 2018-01-28

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[51] Int.Cl. C09K 3/00 (2006.01) C09K 8/72 (2006.01) C23G 1/02 (2006.01)

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[54] **USING SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**

[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**

[72] PURDY, CLAY, CA

[72] JAMIESON, ALEXANDER DAVID, CA

[72] WEISSENBERGER, MARKUS, CA

[71] FLUID ENERGY GROUP LTD., CA

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[13] A1

[51] Int.Cl. B62D 63/08 (2006.01)

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[54] **MODULAR TRAILER AND ACCESSORY SYSTEM**

[54] **SYSTEME DE REMORQUE ET ACCESSOIRE MODULAIRE**

[72] BARNES, AARON NEIL, US

[71] PJ TRAILERS, INC., US

[22] 2017-07-27

[41] 2018-01-28

[30] US (62/368,096) 2016-07-28

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[51] Int.Cl. A61G 7/005 (2006.01) A47C 17/04 (2006.01) A61G 7/05 (2006.01)

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[54] **ADJUSTABLE MATTRESS FOUNDATION**

[54] **FONDATION DE MATELAS AJUSTABLE**

[72] KRAMER, KENNETH, US

[72] METZ, DARRELL, US

[72] WOODALL, JEFFREY, US

[71] DREAMWELL, LTD., US

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[13] A1

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[54] **SYSTEMS AND METHODS FOR PREDICTING AND INCREASING THE THREAT LEVEL AT ATM CENTERS PRIOR TO ALARM EVENT DETECTION**

[54] **SYSTEMES ET METHODES DE PREDICTION ET D'AUGMENTATION DU NIVEAU DE MENACE DANS LES CENTRES DE GUICHET AUTOMATIQUE AVANT LA DETECTION D'UN EVENEMENT D'ALARME**

[72] BHAT, PATHANJALI N., US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2017-07-26

[41] 2018-01-29

[30] IN (201611025996) 2016-07-29

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[13] A1

[51] Int.Cl. B01D 21/24 (2006.01)

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[54] **FEEDWELL HAVING TWISTED PLATES**

[54] **PUITS D'ALIMENTATION COMPORTANT DES PLAQUES TORDUES**

[72] RAWLS, LINDSAY BRANDINO, US

[71] ANDRITZ INC., US

[22] 2017-07-28

[41] 2018-02-02

[30] US (62/369,947) 2016-08-02

[30] US (15/659,441) 2017-07-25

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[51] Int.Cl. E03C 1/186 (2006.01)

[25] EN

[54] **SINK**

[54] **EVIER**

[72] BOMATTER, CHRISTIAN W., FR

[72] NEESER, ROLF, CH

[72] MAIER, TOBIAS, DE

[71] FRANKE TECHNOLOGY AND TRADEMARK LTD., CH

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[25] EN

[54] **METHODS AND COMPOSITIONS FOR GENE EXPRESSION IN PLANTS**

[54] **METHODS ET COMPOSITIONS D'EXPRESSION DE GENE DANS LES VEGETAUX**

[72] LARUE, CLAYTON T., US

[72] REAM, JOEL E., US

[72] SHARIFF, AABID, US

[72] ZHANG, YUANJI, US

[72] ZHOU, XUEFENG, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2017-07-28

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[30] US (62/368,840) 2016-07-29

[21] 2,974,851
[13] A1

[51] **Int.Cl. A47G 33/06 (2006.01) A41G 1/00 (2006.01)**

[25] EN

[54] **SELF-DEPLOYING TREE SYSTEM**

[54] **SYSTEME D'ARBRE AUTO-DEPLOYANT**

[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX

[72] LIANG, BAILIN, CN

[71] POLYGROUP MACAU LIMITED (BVI), VG

[22] 2017-07-27

[41] 2018-01-28

[30] US (62/367,764) 2016-07-28

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[51] **Int.Cl. C12Q 1/6809 (2018.01) G06F 19/20 (2011.01) C12Q 1/6811 (2018.01) C12Q 1/68 (2018.01)**

[25] EN

[54] **METHODS FOR DETECTING RAPIDLY PROCESSED INTRONS TO EVALUATE ALLELIC EXPRESSION**

[54] **METHODES DE DETECTION D'INTRONS TRAITES RAPIDEMENT EN VUE D'EVALUER L'EXPRESSION ALLELIQUE**

[72] GREGG, CHRISTOPHER, US

[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US

[22] 2017-07-28

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[30] US (62/494,162) 2016-07-29

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[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHOD OF FORMING A FRACTURING FLUID FROM PRODUCED WATER**

[54] **METHODE DE FORMATION D'UN FLUIDE DE FRACTURATION A PARTIR D'EAU PRODUITE**

[72] MCEWEN, JOHN G. E., CA

[72] DIMMICK, RAQUEL MARIE, CA

[71] CANADIAN ENERGY SERVICES L.P., CA

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[41] 2018-01-29

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[54] **PROCESS FOR EXTRACTION OF COPPER FROM ARSENICAL COPPER SULFIDE CONCENTRATE**

[54] **PROCEDE D'EXTRACTION DU CUIVRE DE CONCENTRE DE SULFURE DE CUIVRE ARSENICAL**

[72] BEOUTIS, PERCY PONCE, PE

[72] PLENGE, GUSTAVO, PE

[71] COMPANIA DE MINAS BUENAVENTURA, PE

[22] 2017-07-27

[41] 2018-01-28

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[13] A1

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[54] **CHASSIS BASED FENESTRATION SYSTEMS**

[54] **SYSTEMES DE FENESTRATION FONDES SUR UN CHASSIS**

[72] WALSH, JOHN H., US

[72] SPOERING, GARY J., US

[72] OHRSTROM, ROLF J., US

[71] SUNRISE WINDOWS, LLC, US

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[13] A1

[51] **Int.Cl. G01D 21/02 (2006.01)**

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[54] **MULTI-CONDITION SENSOR SYSTEMS**

[54] **SYSTEMES DE CAPTEURS MULTITETATS**

[72] WALLACE, STEVEN, US

[72] CODISPOTI, BENJAMIN, US

[72] CORETH, LAWRENCE A., US

[72] FRASURE, DAVID W., US

[71] KIDDE TECHNOLOGIES, INC., US

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 [54] **SYSTEMES DE CAPTEURS MULTITETATS**
 [72] WALLACE, STEVEN, US
 [72] CODISPOTI, BENJAMIN, US
 [72] CORETH, LAWRENCE A., US
 [72] FRASURE, DAVID W., US
 [71] KIDDE TECHNOLOGIES, INC., US
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 [25] EN
 [54] **HAIR COLORING BRUSH AND SYSTEM**
 [54] **BROSSE DE COLORATION POUR CHEVEUX ET SYSTEME**
 [72] RICHARDSON, JACKIE, US
 [71] RICHARDSON, JACKIE, US
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 [41] 2018-02-02
 [30] US (15/226813) 2016-08-02

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[51] **Int.Cl. G06Q 10/10 (2012.01)**
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 [54] **CALENDAR AND EMAIL APPLICATION**
 [54] **APPLICATION DE CALENDRIER ET DE COURRIEL**
 [72] BRYANT, CODY STEPHEN, CA
 [72] ELLIOTT, GRANT ROSS, CA
 [72] KLAMUT, ANDREW JOSEPH, CA
 [72] CUNNEY, KIERAN PATRICK, CA
 [72] LEPIC, JARED DANIEL, CA
 [72] BOECKNER, BARTHOLOMEW ALEXANDER, CA
 [71] BLACKBERRY LIMITED, CA
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 [25] FR
 [54] **DEVICE FOR INSTALLATION OR REMOVAL OF AN AUTOMOBILE WINDOW OR WINDSHIELD**
 [54] **DISPOSITIF POUR LA POSE OU LA DEPOSE D'UNE VITRE DE VEHICULE AUTOMOBILE**
 [72] VIOLA, CEDRIC, FR
 [71] VBSA, FR
 [22] 2017-08-01
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 [30] FR (16/57501) 2016-08-02

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[51] **Int.Cl. A01D 57/06 (2006.01)**
 [25] EN
 [54] **RAKE ASSEMBLY**
 [54] **ASSEMBLAGE DE RATEAU**
 [72] RAVAGLIA, PAOLO, IT
 [71] I.G. S.R.L., IT
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[51] **Int.Cl. G07D 7/0043 (2016.01) B42D 25/23 (2014.01) B42D 25/30 (2014.01)**
 [25] EN
 [54] **SYSTEM AND APPARATUS FOR DETECTING FORGERY FEATURES ON IDENTIFICATION DOCUMENTS**
 [54] **SYSTEME ET METHODE DE DETECTION DE CARACTERISTIQUES FRAUDULEUSES SUR LES DOCUMENTS D'AUTHENTIFICATION**
 [72] VIENS, NICOLE, US
 [72] RODRIGUEZ, RAPHAEL A., US
 [72] MUESCH, MICHAEL R., US
 [72] CAHILL, RYAN, US
 [72] BOYD, JUSTIN M., US
 [72] THOR, DAVID, US
 [71] CONFIRM, INC., US
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 [54] **CASTER WHEELS WITH TORSION SPRING ASSEMBLY**
 [54] **ROUES PIVOTANTES A MECANISME DE RESSORT A TORSION**
 [72] STANDARD, ADAM WAYNE, US
 [72] GONCALVES, FERNANDO, US
 [72] SIGMAN, GREG, US
 [72] BROWN, MICHAEL V., US
 [72] DOAK, WILLIAM, US
 [71] THE RAYMOND CORPORATION, US
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[51] **Int.Cl. G05B 17/02 (2006.01) G05B 19/042 (2006.01) G06F 17/30 (2006.01) G06F 17/40 (2006.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR DETECTING FAULTS AND/OR FOR PROVIDING OPTIMIZATION MEASURES TO ENHANCE THE PERFORMANCE OF ONE OR MORE BUILDINGS**
 [54] **SYSTEME ET METHODE DE DETECTION DE DEFAILLANCE ET DE FOURNITURE DE MESURES D'OPTIMISATION EN VUE D'AMELIORER LE RENDEMENT D'UN OU DE PLUSIEURS BATIMENTS**
 [72] GARTNER, ROBERT, CH
 [72] COHEN, HENRIK, DK
 [71] SIEMENS SCHWEIZ AG, CH
 [22] 2017-08-01
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[13] A1

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[54] **SYSTEMS AND METHODS FOR PROXIMITY IDENTITY VERIFICATION**
[54] **SYSTEMES ET METHODES DE VERIFICATION D'IDENTITE DE PROXIMITE**
[72] JACOBS, DREW, US
[72] JOUHIKAINEN, HANNES, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-08-01
[41] 2018-02-02
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[21] 2,975,053
[13] A1

[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/34 (2006.01)**
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[54] **REGENERATION METHOD OF NICKEL-HYDROGEN BATTERY**
[54] **METHODE DE REGENERATION DE BATTERIE NICKEL-HYDROGENE**
[72] ISOMURA, KEISUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **A CONTROL SYSTEM FOR A PRESSURISED GAS PATH**
[54] **UN SYSTEME DE COMMANDE D'UN PARCOURS DE GAZ SOUS PRESSION**
[72] COWLES, CHRISTOPHER JOHN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **A PRESSURISED GAS CYLINDER**
[54] **UNE BOUTEILLE DE GAZ SOUS PRESSION**
[72] COWLES, CHRISTOPHER JOHN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **SUBSURFACE ROBOTIC MAPPING SYSTEM AND METHOD**
[54] **SYSTEME DE MAPPAGE ROBOTIQUE EN SOUS-SURFACE ET METHODE**
[72] BAIDEN, GREGORY, CA
[71] PENGUIN AUTOMATED SYSTEMS INC., CA
[22] 2017-08-02
[41] 2018-02-02
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[51] **Int.Cl. F24F 7/02 (2006.01) F24F 13/08 (2006.01)**
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[54] **EVENT DE TOIT A MAILLAGE ENCHEVETRE A CHICANE EXTERNE INTEGREE**
[72] HOLLAND, ROBERT B., US
[72] GRIFFIN, GRAYSON M., US
[71] AIR VENT, INC., US
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[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01) E02F 3/815 (2006.01)**
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[54] **ELASTOMERIC PLOW EDGE**
[54] **BORD DE CHARRUE ELASTOMERIQUE**
[72] WINTER, KENT, US
[72] SULESKY, WILLIAM A., US
[71] WINTER EQUIPMENT COMPANY, INC., US
[22] 2017-08-01
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[13] A1

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[25] EN
[54] **BEARING PAD**
[54] **COUSSIN DE PALIER**
[72] SZEKELY, KENNETH, CA
[71] ASTRA CAPITAL INCORPORATED, CA
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[54] **PROTECTED MAGNETIC FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION MAGNETIQUE PROTEGEE**
[72] HUCK, KENNETH W., US
[72] AUKES, JONATHAN P., US
[71] TRINITY INDUSTRIES, INC., US
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[54] **UNE APPROCHE ET UN SYSTEME SERVANT A EVITER UNE ACTION AMBIGUE PAR APPLICATION MOBILE AU MOYEN D'UNE NOTIFICATION FONDEE SUR LE CONTEXTE**
[72] JANARDHANAN, SHAIJU, US
[72] VEETIL, HERMANATH PADIKKAL, US
[72] SCARIA, NIKHIL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-08-02
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[25] EN
[54] **A PRESSURISED GAS CYLINDER**
[54] **UNE BOUTEILLE DE GAZ SOUS PRESSION**
[72] BAYERL, WILHELM, DE
[72] KANDZIORA, CHRISTINE, DE
[72] KARMIRES, PHILIPP, DE
[71] LINDE AKTIENGESSELLSCHAFT, DE
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[54] **MULTI-AXIS METALLIC PROCESSING BEVEL HEAD**
[54] **TETE DE BISEAUTAGE DESTINEE AU TRAITEMENT METALLIQUE MULTIAXIAL**
[72] ROGERS, TRAVIS ALLEN, US
[72] TOLSON, JAY STEWART, US
[72] LAHMANN, JOHN ANTHONY, US
[71] ATEK AUTOMATION, LLC, US
[22] 2017-08-03
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[51] **Int.Cl. B65G 69/30 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **CONTAINER RAMP**
[54] **RAMPE DE CONTENEUR**
[72] MERZ, FRIEDRICH, CA
[71] MERZ, FRIEDRICH, CA
[22] 2017-08-16
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[30] US (15239459) 2016-08-17

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[25] EN
[54] **HUMAN DRIVEN WATER PROPULSION DEVICE**
[54] **DISPOSITIF DE PROPULSION DANS L'EAU ENTRAINE PAR L'HUMAIN**
[72] SAND, KETHI, CA
[71] 1711458 ALBERTA INC., CA
[22] 2017-11-20
[41] 2018-02-02
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[25] EN
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[54] **COLLET DOTE D'UN JOINT EXTENSIBLE ACTIONNE PAR UNE BILLE ET CANNELURES EXTENSIBLES RADIALEMENT AUGMENTEES PAR LA PRESSION**
[72] CAMPBELL, SEAN P., CA
[71] SC ASSET CORPORATION, CA
[22] 2017-11-21
[41] 2018-02-02

[21] 2,987,117
[13] A1

[51] **Int.Cl. F01M 1/02 (2006.01) F04C 2/08 (2006.01) F04C 11/00 (2006.01)**
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[54] **COMBUSTION ENGINE COMPRISING AT LEAST ONE DRY SUMP CRANKCASE**
[54] **MOTEUR A COMBUSTION COMPORTANT AU MOINS UN CARTER MOTEUR DE TYPE SEC**
[72] HUBERT, PIERRE-JULIEN, FR
[72] GAVANIER, PIERRE, FR
[72] MERCIER, CHRISTIAN, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **IMPROVED GAS DIFFUSION STRUCTURES FOR FUEL CELLS**
[54] **STRUCTURES DE DIFFUSION DE GAZ AMELIOREES DESTINEES A DES PILES A COMBUSTIBLE**
[72] FARRINGTON, SIMON, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
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[72] NOWAK, KELLY M., US
[71] PTC-INNOVATIONS, LLC, US
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[72] ARAI, YUKI, JP
[72] ASHIKAWA, HIROKAZU, JP
[72] MORIYAMA, TOMOYUKI, JP
[72] MATSUMOTO, SATOSHI, JP
[71] KOMATSU LTD., JP
[85] 2017-02-23
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[87] (2958965)

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[72] LENHART, TAD EDWARD, US
[72] BOUCHE, TIMOTHY JOSEPH, US
[72] BOSMAN, SCOTT ANTHONY, US
[72] HORNBERGER, TIMOTHY G., US
[71] KRUEGER INTERNATIONAL, INC.,
US
[85] 2017-03-22
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[87] (2961846)

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[13] A1
[51] Int.Cl. B65D 85/804 (2006.01) B29B
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[25] EN
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PREPARATION OF LIQUID
PRODUCTS
[54] CARTOUCHE PERMETTANT LA
PREPARATION DE PRODUITS
LIQUIDES
[72] CABILLI, ALBERTO, IT
[72] BORELLO, LUISA, IT
[72] BOLOGNESE, DANILO, IT
[71] LUIGI LAVAZZA S.P.A., IT
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[25] EN
[54] A POUCH FOR FOOD PRODUCT
AND METHODS OF PACKAGING
RAW WET PROTEIN FOR RETAIL
[54] SACHET POUR PRODUIT
ALIMENTAIRE ET PROCEDES
D'EMBALLAGE DE PROTEINE
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AU DETAIL
[72] D'SOUZA, SHANE, GB
[72] SHEIKH, SHAHID, GB
[71] CLIFTON PACKAGING GROUP
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[51] Int.Cl. A61K 36/185 (2006.01) A61P
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[25] EN
[54] USE OF QUILLAJA SAPONARIA
EXTRACTS FOR THE
PREVENTION AND CONTROL OF
VIRAL INFECTIONS IN FISH
[54] UTILISATION D'EXTRAITS DE
QUILLAJA SAPONARIA EN VUE
DE LA PREVENTION ET DU
CONTROLE D'INFECTIONS
BACTERIENNES CHEZ LES
POISSONS
[72] SCHLOTTERBECK SUAREZ,
TRINIDAD, CL
[72] CANON JONES, HERNAN
ALBERTO, CL
[72] CASTILLO RUIZ, MARIO HERNAN,
CL
[72] CORTES GONZALEZ, HERNAN
DANILO, CL
[72] SAN MARTIN GAMBOA, RICARDO
MANUEL, CL
[71] SAPONIN RESEARCH CENTER S.A.,
CL
[85] 2017-06-29
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[25] EN
[54] USE OF QUILLAJA SAPONARIA EXTRACTS FOR THE PREVENTION AND CONTROL OF BACTERIAL INFECTIONS IN FISH
[54] UTILISATION D'EXTRAITS DE QUILLAJA SAPONARIA EN VUE DE LA PREVENTION ET DU CONTROLE D'INFECTIONS BACTERIENNES CHEZ LES POISSONS
[72] SCHLOTTERBECK SUAREZ, TRINIDAD, CL
[72] CANON JONES, HERNAN ALBERTO, CL
[72] CASTILLO RUIZ, MARIO HERNAN, CL
[72] CORTES GONZALEZ, HERNAN DANILO, CL
[72] SAN MARTIN GAMBOA, RICARDO MANUEL, CL
[71] SAPONIN RESEARCH CENTER S.A., CL
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[87] (2972175)

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[54] SYSTEMS AND METHODS FOR ASSISTING WITH AIRCRAFT LANDING
[54] SYSTEMES ET PROCEDES D'AIDE A L'ATTERRISSAGE D'UN AERONEF
[72] OUELLETTE, BENOIT, CA
[71] BOMBARDIER INC., CA
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[86] 2016-05-04 (PCT/IB2016/052551)
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[25] EN
[54] NUCLEIC ACID-CATIONIC POLYMER COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME
[54] COMPOSITIONS DE POLYMERES CATIONIQUE-ACIDE NUCLEIQUE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION
[72] HOCHBERG, ABRAHAM, IL
[72] GALLULA, JENNIFER, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD, IL
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[25] EN
[54] ULTRASMALL NANOPARTICLES AND METHODS OF MAKING AND USING SAME
[54] NANOPARTICULES EXTREMEMENT PETITES, ET PROCEDES DE FABRICATION ET METHODES D'UTILISATION CORRESPONDANTS
[72] WIESNER, ULRICH B., US
[72] MA, KAI, US
[72] MENDOZA, CARLIE, US
[71] CORNELL UNIVERSITY, US
[85] 2017-11-03
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[25] EN
[54] METHODS OF TREATMENT USING ULTRASMALL NANOPARTICLES TO INDUCE CELL DEATH OF NUTRIENT-DEPRIVED CANCER CELLS VIA FERROPTOSIS
[54] PROCEDES DE TRAITEMENT UTILISANT DES NANOPARTICULES TRES PETITES POUR INDUIRE LA MORT CELLULAIRE DE CELLULES CANCEREUSES PRIVEES DE NUTRIMENTS PAR FERROPTOSE
[72] BRADBURY, MICHELLE S., US
[72] WIESNER, ULRICH, US
[72] OVERHOLTZER, MICHAEL, US
[72] SCHER, HOWARD, US
[72] MA, KAI, US
[71] CORNELL UNIVERSITY, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-11-03
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[13] A1

[51] **Int.Cl. A61K 33/26 (2006.01) A61K 8/19 (2006.01) A61K 9/14 (2006.01) A61K 41/00 (2006.01) A61L 31/02 (2006.01) A61L 31/08 (2006.01) A61P 35/00 (2006.01) C01G 49/02 (2006.01) C01G 49/08 (2006.01) C12P 1/04 (2006.01) C12P 3/00 (2006.01)**

[25] FR

[54] **APYROGENIC PREPARATION CONTAINING NANOPARTICLES SYNTHESISED BY MAGNETOTACTIC BACTERIA FOR MEDICAL OR COSMETIC APPLICATIONS**

[54] **PREPARATION APYROGENE CONTENANT DES NANOPARTICULES SYNTHETISEES PAR DES BACTERIES MAGNETOTACTIQUES POUR DES APPLICATIONS MEDICALES OU COSMETIQUES**

[72] ALPHANDERY, EDOUARD, FR
[72] DURAND-DUBIEF, MICKAEL, FR
[71] NANOBACTERIE, FR
[85] 2017-11-06
[86] 2016-06-15 (PCT/FR2016/000095)
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[30] FR (1501267) 2015-06-17

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[51] **Int.Cl. G09F 9/30 (2006.01) C09D 11/52 (2014.01)**

[25] EN

[54] **DISPLAY MODULE AND METHOD OF MANUFACTURING THE SAME**

[54] **MODULE D'AFFICHAGE ET PROCEDE DE FABRICATION ASSOCIE**

[72] BAIK, CHUL, KR
[72] LEE, YONG UK, KR
[72] YOON, EUNG YEOUL, KR
[72] SOHN, DONG HYUN, KR
[72] KIM, NAK HYUN, KR
[72] PARK, BYUNG HA, KR
[72] CHOI, JOON YOUNG, KR
[72] HONG, WON BIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-11-06
[86] 2015-12-17 (PCT/KR2015/013848)
[87] (WO2016/190506)
[30] US (62/165,279) 2015-05-22
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[13] A1

[51] **Int.Cl. C07D 487/22 (2006.01) A61K 31/409 (2006.01) A61K 49/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **LOW MOLECULAR WEIGHT DERIVATIVES OF CARBOXAMIDE HALOGENATED PORPHYRINS, NAMELY CHLORINS AND BACTERIOCHLORINS, AND THEIR APPLICATIONS THEREOF**

[54] **DERIVES CARBOXAMIDE DE PORPHYRINES HALOGENEES, A SAVOIR CHLORINES ET BACTERIOCHLORINES, DE FAIBLE POIDS MOLECULAIRE, ET LEURS APPLICATIONS**

[72] PEREIRA NASCIMENTO COSTA, GONCALO, PT
[72] FERREIRA GONCALVES, NUNO PAULO, PT
[72] PEREIRA MONTEIRO, CARLOS JORGE, PT
[72] REIS DE ABREU, ARTUR CARLOS, PT
[72] FERRAZ CARDOSO SOARES, HELDER TAO, PT
[72] BORGES ROCHA, LUIS GABRIEL, PT
[72] SCHABERLE, FABIO ANTONIO, PT
[72] MIGUENS PEREIRA, MARIA, PT
[72] DA SILVA ARNAUT MOREIRA, LUIS GUILHERME, PT
[71] LUZITIN, S.A., PT
[71] UNIVERSIDADE DE COIMBRA, PT
[85] 2017-11-06
[86] 2016-05-06 (PCT/IB2016/052606)
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[51] **Int.Cl. A61K 31/58 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) G01N 33/48 (2006.01)**

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[54] **TARGETED SELECTION OF PATIENTS FOR TREATMENT WITH CORTISTATIN DERIVATIVES**

[54] **SELECTION CIBLEE DE PATIENTS POUR UN TRAITEMENT PAR DERIVES DE CORTISTATINE**

[72] SHAIR, MATTHEW, D., US
[72] PELISH, HENRY, EFREM, US
[72] NITULESCU, IOANA, ILINCA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-11-06
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[30] US (62/158,936) 2015-05-08
[30] US (62/187,656) 2015-07-01
[30] US (62/298,352) 2016-02-22

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[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) A61P 25/16 (2006.01) C12N 9/24 (2006.01) C12N 15/56 (2006.01) C12N 15/864 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **GLUCOCEREBROSIDASE GENE THERAPY FOR PARKINSON'S DISEASE**

[54] **THERAPIE GENIQUE PAR GLUCOCEREBROSIDASE POUR LA MALADIE DE PARKINSON**

[72] PARK, YUNG HEE, US
[72] ISACSON, OLE, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2017-11-06
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[25] EN
[54] **CYCLIC COMPOUNDS**
[54] **COMPOSES CYCLIQUES**
[72] KOBAYASHI, TOSHITAKE, JP
[72] SAITOH, MORIHISA, JP
[72] WADA, YASUFUMI, JP
[72] NARA, HIROSHI, JP
[72] NEGORO, NOBUYUKI, JP
[72] KATO, TAISUKE, JP
[72] YAMASAKI, MASASHI, JP
[72] TANAKA, TAKAHIRO, JP
[72] KITAMOTO, NAOMI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2017-11-07
[86] 2016-05-06 (PCT/JP2016/064204)
[87] (WO2016/182036)
[30] JP (2015-095817) 2015-05-08

[21] 2,985,357
[13] A1
[51] Int.Cl. G01N 37/00 (2006.01) G01N 27/416 (2006.01) G01N 33/18 (2006.01) G01N 33/24 (2006.01) G01N 27/414 (2006.01)
[25] EN
[54] **SYSTEM, APPARATUS, AND METHOD FOR MEASURING ION CONCENTRATION WITH A STANDARD DEVIATION CORRECTION**
[54] **SYSTEME, APPAREIL ET PROCEDE DE MESURE DE CONCENTRATION IONIQUE AVEC UNE CORRECTION D'ECART TYPE**
[72] WENZEL, ANDREAS M., US
[72] KUSIEK, JORDAN RICHARD, US
[72] STIMPSON, CALDEN CARROLL, US
[72] FONTENOT, SEAN, US
[71] SUPRASENSOR TECHNOLOGIES, LLC, US
[85] 2017-11-07
[86] 2016-05-06 (PCT/US2016/031129)
[87] (WO2016/182885)
[30] US (62/158,721) 2015-05-08

[21] 2,985,400
[13] A1
[51] Int.Cl. C07D 417/14 (2006.01) A61K 31/4155 (2006.01) A61K 31/4178 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/4439 (2006.01) A61P 25/00 (2006.01) C07D 405/14 (2006.01) C07D 417/12 (2006.01)
[25] EN
[54] **2-(1-HETEROARYLPIPERAZIN-4-YL)METHYL-1,4-BENZODIOXANE DERIVATIVES AS ALPHA2C ANTAGONISTS**
[54] **DERIVES DE 2-(1-HETEROARYLPIPERAZIN-4-YL)METHYL-1,4-BENZODIOXANE A UTILISER EN TANT QU'ANTAGONISTES D'ALPHA2C**
[72] WANG, SHOUMING, FI
[72] KUMPULAINEN, ESA, FI
[72] PYSTYNEN, JARMO, FI
[72] POHJAKALLIO, ANTTI, FI
[72] HAIKARAINEN, ANSSI, FI
[71] ORION CORPORATION, FI
[85] 2017-11-08
[86] 2016-06-03 (PCT/FI2016/050400)
[87] (WO2016/193551)
[30] FI (20150169) 2015-06-05

[21] 2,985,502
[13] A1
[51] Int.Cl. A61K 47/69 (2017.01) A61K 47/61 (2017.01) A61K 9/10 (2006.01) A61K 47/36 (2006.01) A61P 35/00 (2006.01) C08J 3/075 (2006.01) C08J 3/20 (2006.01) C08J 3/24 (2006.01) C08L 5/08 (2006.01)
[25] EN
[54] **CROSS-LINKED HYALURONIC ACID FOR DRUG DELIVERY AND PHARMACEUTICAL PREPARATION USING SAME**
[54] **ACIDE HYALURONIQUE RETICULE POUR L'ADMINISTRATION DE MEDICAMENTS ET PREPARATION PHARMACEUTIQUE UTILISANT CELUI-CI**
[72] SEL'YANIN, MIKHAIL, RU
[72] POLYAK, FELIX, CA
[72] SHINGEL, KIRILL, CA
[72] MYKHAYLOVA, NATALIYA, RU
[71] ALBATROSS TECHNOLOGIES LIMITED, MT
[85] 2017-11-09
[86] 2016-05-30 (PCT/CA2016/000159)
[87] (WO2016/191850)
[30] US (62/168,411) 2015-05-29

[21] 2,985,568
[13] A1
[51] Int.Cl. C10K 1/04 (2006.01) C10J 3/84 (2006.01) C10K 1/00 (2006.01) F28D 15/02 (2006.01)
[25] EN
[54] **METHOD AND SYSTEMS FOR TREATING SYNTHESIS GAS**
[54] **PROCEDE ET SYSTEMES POUR TRAITER UN GAZ DE SYNTHESE**
[72] ZWART, ROBIN WILLEM RUDOLF, NL
[72] VAN DER HEIJDEN, SIMON PIETER, NL
[72] VAN 'T HOFF, MARTINES TEODOOR, NL
[72] TIJM, PETRUS JACOBUS ADRIANUS, US
[71] MILENA-OLGA JOINT INNOVATION ASSETS B.V., NL
[85] 2017-11-09
[86] 2016-05-11 (PCT/NL2016/050335)
[87] (WO2016/182441)
[30] NL (2014786) 2015-05-11

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[13] A1

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[25] EN

[54] HETEROCYCLICALKYL DERIVATIVE COMPOUNDS AS SELECTIVE HISTONE DEACETYLASE INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

[54] COMPOSES DERIVES D'ALKYLE HETEROCYCLIQUES A UTILISER EN TANT QU'INHIBITEURS DE L'HISTONE DESACETYLASE ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT

[72] LEE, CHANGSIK, KR
[72] LEE, JAEKWANG, KR
[72] SONG, HYESEUNG, KR
[72] BAE, DAEKWON, KR
[72] HA, NINA, KR
[72] KIM, IL HYANG, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2017-11-10
[86] 2016-05-20 (PCT/KR2016/005411)
[87] (WO2016/190630)
[30] KR (10-2015-0071665) 2015-05-22

[21] 2,985,778
[13] A1

[51] Int.Cl. A61K 31/34 (2006.01) A61K 36/57 (2006.01) A61P 11/00 (2006.01)

[25] EN

[54] PHARMACEUTICAL COMPOSITION FOR PREVENTING AND TREATING CHRONIC OBSTRUCTIVE LUNG DISEASE CONTAINING, AS ACTIVE INGREDIENT, MAGNOLIAE FLOS EXTRACT, FRACTION, OR ACTIVE FRACTION THEREOF

[54] COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION ET LE TRAITEMENT DE LA MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE CONTENANT, COMME PRINCIPE ACTIF, UN EXTRAIT, UNE FRACTION OU UNE FRACTION ACTIVE DE FLOS MAGNOLIAE

[72] OH, SEI-RYANG, KR
[72] AHN, KYUNG SEOP, KR
[72] LEE, SU UI, KR
[72] RYU, HYUNG WON, KR
[72] KIM, DOO-YOUNG, KR
[72] LEE, HYEONG KYU, KR
[72] KWON, OK-KYOUNG, KR
[72] KIM, JUNG HEE, KR
[72] LEE, HYUN-JUN, KR
[72] SHIN, IN-SIK, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[85] 2017-11-10
[86] 2016-05-13 (PCT/KR2016/005113)
[87] (WO2016/182399)
[30] KR (10-2015-0066621) 2015-05-13

[21] 2,985,941
[13] A1

[51] Int.Cl. G01N 21/25 (2006.01) G01J 3/42 (2006.01)

[25] EN

[54] METHOD OF DETERMINING A CHEMICAL COMPOSITION OF A SLAG PORTION

[54] PROCEDE DE DETERMINATION D'UNE COMPOSITION CHIMIQUE D'UNE PARTIE DE SCORIES

[72] VICENTE ROJO, ASIER, ES
[72] PICON RUIZ, ARTZAI, ES
[72] RODRIGUEZ VAAMONDE, SERGIO, ES
[71] ARCELORMITTAL, LU
[85] 2017-11-14
[86] 2015-05-11 (PCT/IB2015/053453)
[87] (WO2016/181185)

[21] 2,986,095
[13] A1

[51] Int.Cl. A61K 47/10 (2017.01) A61K 9/107 (2006.01) A61K 31/198 (2006.01)

[25] EN

[54] LIQUID PHARMACEUTICAL FORMULATIONS OF TETRAIODOTHYRONINE

[54] FORMULATIONS PHARMACEUTIQUES LIQUIDES DE TETRAIODOTHYRONINE

[72] DE ROSA, MARIO, CH
[72] SCHIRALDI, CHIARA, CH
[71] ALTERGON S.A., CH
[85] 2017-11-15
[86] 2016-05-17 (PCT/IB2016/052860)
[87] (WO2016/185378)
[30] IT (102015000015900) 2015-05-19

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[13] A1
[51] Int.Cl. A61K 38/08 (2006.01) A61P 39/02 (2006.01)
[25] EN
[54] USE OF POLYMYXIN AS AN ANTIDOTE FOR INTOXICATIONS BY AMATOXINS
[54] UTILISATION DE LA POLYMYXINE COMME ANTIDOTE CONTRE LES INTOXICATIONS PAR LES AMATOXINES
[72] CARVALHO, FELIX, PT
[72] GARCIA, JULIANA, PT
[72] DE LOURDES BASTOS, MARIA, PT
[72] FREITAS COSTA, VERA MARISA, PT
[72] CARVALHO, ALEXANDRA, PT
[72] SILVESTRE, RICARDO, PT
[72] RAMOS DUARTE, JOSE ALBERTO, PT
[72] DINIS OLIVEIRA, RICARDO JORGE, PT
[71] UNIVERSIDADE DO PORTO, PT
[85] 2017-11-15
[86] 2016-05-18 (PCT/IB2016/052905)
[87] (WO2016/185403)
[30] PT (108481) 2015-05-18

[21] 2,986,102
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[51] Int.Cl. C07D 401/06 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/422 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) C07D 231/06 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 405/06 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)
[25] EN
[54] HETEROCYCLIC AMIDES AS KINASE INHIBITORS
[54] AMIDES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KINASE
[72] ANDERSON, NIALI ANDREW, GB
[72] BANDYOPADHYAY, DEEPAK, US
[72] DAUGAN, ALAIN CLAUDE-MARIE, FR
[72] DONCHIE, FREDERIC G., FR
[72] EIDAM, PATRICK M., US
[72] FAUCHER, NICOLAS ERIC, FR
[72] GEORGE, NICOLAS S., FR
[72] HARRIS, PHILIP ANTHONY, US
[72] JEONG, JAE U., US
[72] KING, BRYAN W., US
[72] SEHON, CLARK A., US
[72] WHITE, GEMMA VICTORIA, GB
[72] WISNOSKI, DAVID DUFF, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-11-15
[86] 2016-05-19 (PCT/IB2016/052948)
[87] (WO2016/185423)
[30] US (62/163,552) 2015-05-19
[30] US (62/167,359) 2015-05-28
[30] US (62/197,602) 2015-07-28

[21] 2,986,186
[13] A1
[51] Int.Cl. C07B 59/00 (2006.01)
[25] EN
[54] METHOD OF PERFORMING A PLURALITY OF SYNTHESIS PROCESSES OF PREPARING A RADIOPHARMACEUTICAL IN SERIES, A DEVICE AND CASSETTE FOR PERFORMING THIS METHOD
[54] PROCEDE DE REALISATION D'UNE PLURALITE DE PROCEDES DE SYNTHESE DE PREPARATION D'UN PRODUIT RADIOPHARMACEUTIQUE EN SERIE, DISPOSITIF ET CASSETTE POUR LA MISE EN OEUVRE DE CE PROCEDE
[72] TADINO, VINCENT LUC ANTOINE, BE
[72] VILLERET, GUILLAUME ANDRE RENE, FR
[71] OUT AND OUT CHEMISTRY S.P.R.L., BE
[85] 2017-11-16
[86] 2016-05-19 (PCT/EP2016/061319)
[87] (WO2016/184980)
[30] NL (2014828) 2015-05-20

[21] 2,986,188
[13] A1
[51] Int.Cl. A61K 47/36 (2006.01) A61K 9/16 (2006.01) A61K 47/32 (2006.01)
[25] EN
[54] PHARMACEUTICAL OR NUTRACEUTICAL COMPOSITION WITH RESISTANCE AGAINST THE INFLUENCE OF ETHANOL
[54] COMPOSITION PHARMACEUTIQUE OU NUTRACEUTIQUE DOUEE DE RESISTANCE CONTRE L'INFLUENCE DE L'ETHANOL
[72] JOSHI, SHRADDHA, IN
[72] GUHA, ASHISH, IN
[72] LANKE, SANJAY, IN
[72] JAIN, VINAY, IN
[72] ASGARZADEH, FIROUZ, US
[72] PATEL, MITULKUMAR M., US
[71] EVONIK ROHM GMBH, DE
[85] 2017-11-16
[86] 2016-05-23 (PCT/EP2016/061551)
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[30] IN (2843/CHE/2015) 2015-06-05

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[21] 2,986,199
[13] A1

[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61K 31/5365 (2006.01) A61K 31/55 (2006.01) A61K 31/553 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 498/06 (2006.01)

[25] EN

[54] BENZOMIDAZOLE DERIVATIVES AS PAD4 INHIBITORS

[54] DERIVES DE BENZOIMIDAZOLE EN TANT QU'INHIBITEURS DE PAD4

[72] AMANS, DOMINIQUE, US

[72] ATKINSON, STEPHEN JOHN, US

[72] BARKER, MICHAEL DAVID, US

[72] CAMPBELL, MATTHEW, US

[72] DIALLO, HAWA, US

[72] DOUAULT, CLEMENT, US

[72] GARTON, NEIL STUART, US

[72] LIDDLE, JOHN, US

[72] RENAUX, JESSICA FANNY, US

[72] SHEPPARD, ROBERT JOHN, US

[72] WALKER, ANN LOUISE, US

[72] WELLAWAY, CHRISTOPHER ROLAND, US

[72] WILSON, DAVID MATTHEW, US

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB

[85] 2017-11-16

[86] 2016-05-19 (PCT/IB2016/000761)

[87] (WO2016/185279)

[30] US (62/164,906) 2015-05-21

[21] 2,986,263
[13] A1

[51] Int.Cl. A61K 39/395 (2006.01) A61K 47/69 (2017.01) A61K 31/337 (2006.01) A61P 35/04 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01) G01N 33/574 (2006.01)

[25] EN

[54] METHODS OF TREATING LOCALLY ADVANCED OR METASTATIC BREAST CANCERS USING PD-1 AXIS BINDING ANTAGONISTS AND TAXANES

[54] PROCEDES DE TRAITEMENT DE CANCERS DU SEIN METASTATIQUES OU A UN STADE LOCALEMENT AVANCE A L'AIDE D'ANTAGONISTES SE LIANT A L'AXE PD-1 ET DE TAXANES

[72] CHEN, DANIEL S., US

[71] GENENTECH, INC., US

[85] 2017-11-16

[86] 2016-06-15 (PCT/US2016/037559)

[87] (WO2016/205320)

[30] US (62/181,159) 2015-06-17

[21] 2,986,297
[13] A1

[51] Int.Cl. A61K 47/69 (2017.01) A61K 9/51 (2006.01) A61K 38/13 (2006.01) A61K 47/08 (2006.01) A61K 47/14 (2017.01) A61K 47/40 (2006.01) A61P 27/02 (2006.01)

[25] EN

[54] FORMATION OF CYCLOSPORIN A/CYCLODEXTRIN NANOPARTICLES

[54] FORMATION DE NANOPARTICULES DE CYCLOSPORINE A/CYCLODEXTRINE

[72] LOFTSSON, THORSTEINN, IS

[71] OCULIS EHF., IS

[85] 2017-11-15

[86] 2016-05-27 (PCT/IB2016/000816)

[87] (WO2016/193810)

[30] US (62/168,492) 2015-05-29

[21] 2,986,326
[13] A1

[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/429 (2006.01) A61K 31/437 (2006.01) A61K 31/438 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 31/06 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)

[25] EN

[54] ANTIBACTERIAL COMPOUNDS

[54] COMPOSES ANTIBACTERIENS

[72] GUILLEMONT, JEROME EMILE GEORGES, FR

[72] MOTTE, MAGALI MADELEINE SIMONE, FR

[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE

[72] TAHIRI, ABDELLAH, BE

[71] JANSSEN SCIENCES IRELAND UC, IE

[85] 2017-11-17

[86] 2016-07-01 (PCT/EP2016/065499)

[87] (WO2017/001660)

[30] EP (15174936.3) 2015-07-02

[30] EP (16174713.4) 2016-06-16

[30] EP (16174718.3) 2016-06-16

[21] 2,986,331
[13] A1

[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4709 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 31/06 (2006.01) C07D 209/42 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)

[25] EN

[54] ANTIBACTERIAL COMPOUNDS

[54] COMPOSES ANTIBACTERIENS

[72] GUILLEMONT, JEROME EMILE GEORGES, FR

[72] MOTTE, MAGALI MADELEINE SIMONE, FR

[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE

[72] TAHIRI, ABDELLAH, BE

[71] JANSSEN SCIENCES IRELAND UC, IE

[85] 2017-11-17

[86] 2016-07-01 (PCT/EP2016/065503)

[87] (WO2017/001661)

[30] EP (15174936.3) 2015-07-02

[30] EP (16174713.4) 2016-06-16

[30] EP (16174718.3) 2016-06-16

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[13] A1
[51] Int.Cl. A61K 47/54 (2017.01) A61K 9/51 (2006.01)
[25] EN
[54] PROCESS FOR PREPARING SUPRAMOLECULAR PLATINUM-BASED COMPOUNDS
[54] PROCEDE DE PREPARATION DE COMPOSES SUPRAMOLECULAIRES A BASE DE PLATINE
[72] GUPTA, NIMISH, IN
[72] SARKAR, ARINDAM, IN
[72] BASSI, HEERALAL, IN
[72] DUTTA, PRADIP, IN
[71] AKAMARA THERAPEUTICS, INC., US
[85] 2017-11-17
[86] 2016-05-18 (PCT/IB2016/052901)
[87] (WO2016/185402)
[30] IN (1418/DEL/2015) 2015-05-19

[21] 2,987,417
[13] A1
[51] Int.Cl. G02F 1/23 (2006.01) B82Y 20/00 (2011.01) G02B 5/20 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR REPRESENTING AN IMAGE WITH PLASMONIC PIXELS
[54] PROCEDE ET APPAREIL POUR REPRESENTER UNE IMAGE A L'AIDE DES PIXELS PLASMONIQUES
[72] JAMES, TIMOTHY DENIS, AU
[72] ROBERTS, ANN, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2017-11-28
[86] 2016-06-02 (PCT/AU2016/050442)
[87] (WO2016/191817)
[30] AU (2015902086) 2015-06-02

[21] 2,988,645
[13] A1
[51] Int.Cl. G10L 19/00 (2013.01)
[25] EN
[54] LOUDNESS CONTROL FOR USER INTERACTIVITY IN AUDIO CODING SYSTEMS
[54] REGLAGE DU VOLUME SONORE POUR L'INTERACTIVITE AVEC L'UTILISATEUR DANS DES SYSTEMES DE CODAGE AUDIO
[72] KUCH, FABIAN, DE
[72] UHLE, CHRISTIAN, DE
[72] KRATSCHEMER, MICHAEL, DE
[72] NEUGEBAUER, BERNHARD, DE
[72] MEIER, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-12-07
[86] 2016-06-09 (PCT/EP2016/063205)
[87] (WO2016/202682)
[30] EP (15172593.4) 2015-06-17

[21] 2,988,711
[13] A1
[51] Int.Cl. G03B 17/17 (2006.01) G03B 17/02 (2006.01) G03B 17/08 (2006.01) H04N 5/225 (2006.01)
[25] EN
[54] IMAGING SYSTEM AND METHOD OF CREATING IMAGES
[54] SYSTEME D'IMAGERIE ET PROCEDE DE CREATION D'IMAGES
[72] THOMAS, BRAD A., US
[72] RUBAL, MATTHEW P., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2017-12-07
[86] 2016-03-01 (PCT/US2016/020219)
[87] (WO2016/153743)
[30] US (62/137,500) 2015-03-24

[21] 2,989,106
[13] A1
[51] Int.Cl. G01V 1/18 (2006.01) G01V 1/28 (2006.01) G01V 1/42 (2006.01)
[25] EN
[54] IMAGING SUBTERRANEAN ANOMALIES USING ACOUSTIC DOPPLER ARRAYS AND DISTRIBUTED ACOUSTIC SENSING FIBERS
[54] IMAGERIE D'ANOMALIES SOUTERRAINES A L'AIDE DE RESEAUX ACOUSTIQUES A EFFET DOPPLER ET DE FIBRES DE DETECTION ACOUSTIQUES REPARTIES
[72] DONDERICI, BURKAY, US
[72] RODNEY, PAUL, US
[72] YOUNG, JOSEPH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-11
[86] 2015-07-30 (PCT/US2015/042811)
[87] (WO2017/019076)

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[13] A1

[51] **Int.Cl. H04H 20/30 (2009.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING BROADCAST SIGNAL FRAME AND METHOD FOR GENERATING BROADCAST SIGNAL FRAME CORRESPONDING TO TIME INTERLEAVER FOR SUPPORTING PLURALITY OF OPERATION MODES**
[54] **DISPOSITIF DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION CORRESPONDANT A UN ENTRELACEUR TEMPOREL POUR LA PRISE EN CHARGE D'UNE PLURALITE DE MODES DE FONCTIONNEMENT**
[72] LEE, JAE-YOUNG, KR
[72] KWON, SUN-HYOUNG, KR
[72] PARK, SUNG-IK, KR
[72] LIM, BO-MI, KR
[72] KIM, HEUNG-MOOK, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2017-12-11
[86] 2016-06-30 (PCT/KR2016/007057)
[87] (WO2017/003227)
[30] KR (10-2015-0094316) 2015-07-01
[30] KR (10-2015-0111496) 2015-08-07
[30] KR (10-2015-0172242) 2015-12-04
[30] KR (10-2015-0174246) 2015-12-08
[30] KR (10-2016-0073779) 2016-06-14

[21] **2,989,255**
[13] A1

[51] **Int.Cl. H04W 76/14 (2018.01) H04W 12/06 (2009.01)**
[25] EN
[54] **ELECTRONIC ACCESS CONTROL APPLYING AN INTERMEDIATE CONTROLE D'ACCES ELECTRONIQUE APPLIQUANT UN INTERMEDIAIRE**
[72] PLUSS, MARCEL, CH
[72] PLUSS, PETER, CH
[72] WURTH, MICHAEL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
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[54] **APPAREIL DE TRAITEMENT D'IMAGE VIDEO ET METHODE DE TRAITEMENT**
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[72] KUROKI, KAZUYOSHI, JP
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[54] **METHOD FOR MEASURING THE DISPLACEMENT PROFILE OF BUILDINGS AND SENSOR THEREFOR**
[54] **PROCEDE POUR MESURER LE PROFIL DE DEPLACEMENTS DE BATIMENTS ET SON CAPTEUR**
[72] BEDNARSKI, LUKASZ, PL
[72] SIENKO, RAFAL, PL
[71] SHM SYSTEM SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
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[54] **MAGNETIC SURFACE WAVE EFFECT TO PROBE FLUID PROPERTIES IN A WELLBORE**
[54] **EFFET D'ONDE DE SURFACE MAGNETIQUE POUR EVALUER LES PROPRIETES D'UN FLUIDE DANS UN Puits DE FORAGE**
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[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TRANSDUCTEUR CAPACITIF A PLAQUES MULTIPLES**
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[71] WYROBEK INTERNATIONAL, INC., US
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[54] **CAPACITOR UNIT AND ELECTRICAL APPARATUS**
[54] **UNITE DE CONDENSATEUR ET APPAREIL ELECTRIQUE**
[72] OUTRAM, JOHN LEWIS, GB
[72] BUTLER, STEPHEN DAVID, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[25] EN
[54] **METHOD AND DEVICE FOR EVALUATING AND/OR INFLUENCING THE DRIVING BEHAVIOR OF A DRIVER OF A MOTOR VEHICLE**
[54] **PROCEDE ET DISPOSITIF POUR EVALUER ET/OU INFLUENCER LE COMPORTEMENT DE CONDUITE DU CONDUCTEUR D'UN VEHICULE**
[72] DECKER, CHRISTIAN, DE
[72] ANDERER, SIMON, DE
[71] INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH, DE
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[54] SYSTEME DE FOURNITURE ET D'EVALUATION DE MESSAGES
[72] RENKEN, MATTHIAS, DE
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[71] DEUTSCHE TELEKOM AG, DE
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[54] SYSTEM AND METHOD FOR CONDUCTING TRANSACTIONS USING BIOMETRIC VERIFICATION
[54] SYSTEME ET PROCEDE POUR REALISER DES TRANSACTIONS A L'AIDE D'UNE VERIFICATION BIOMETRIQUE
[72] WAGNER, KIM, US
[72] JIN, JING, US
[72] DE OLIVEIRA, MARCELO, US
[72] AABYE, CHRISTIAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] SYSTEM FOR PROTECTING AN INPUT DEVICE
[54] SYSTEME DE SECURISATION D'UN DISPOSITIF DE SAISIE
[72] JANOT, CYRIL, FR
[72] SOUBIRANE, ALAIN, FR
[72] GEORGES, DIDIER, FR
[71] INGENICO GROUP, FR
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[71] ENOCCELL LIMITED, GB
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[54] FIXATION DE CANALISATION DANS UN LOGEMENT
[72] DAGAN, KEVIN, FR
[72] MICHAUT, ERWAN, FR
[72] BUGNICOURT, BERTRAND, FR
[72] EZZARHOUNI, ADNAN, FR
[72] BOUCARD, CATHERINE, FR
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[25] EN
[54] METHOD FOR TRACKING, PREDICTING, AND PROACTIVELY CORRECTING MALOCCLUSION AND RELATED ISSUES
[54] PROCEDE PERMETTANT DE SUIVRE, DE PREDIRE ET DE CORRIGER DE MANIERE PROACTIVE UNE MALOCCLUSION ET DES PROBLEMES ASSOCIES
[72] MASON, DAVID, US
[72] BRANDT, DOUGLAS, US
[71] ALIGN TECHNOLOGY, INC., US
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[54] EXECUTION DYNAMIQUE DE MODELES PREDICTIFS
[72] MCELHINNEY, ADAM, US
[72] ROBERTS, TYLER, US
[72] HORRELL, MICHAEL, US
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[71] UPTAKE TECHNOLOGIES, INC., US
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[54] **COLLECTE, GESTION ET PREVISION DE DONNEES BASEES SUR ORDINATEUR**
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[72] PALARCA, WILLIAM, US
[72] MYERS, RICK, US
[72] TAMANO, CALVIN, US
[72] FANUCCHI, CHARISSA, US
[72] ELAHI, PEGGAH, US
[72] QASIMI, ZOHRA, US
[72] LAGUNA, GEMMA ASIN, US
[72] HANCOCK, VALERIE R., US
[71] BLACKHAWK NETWORK, INC., US
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[54] **MIGRATION D'INSTANCE DE MACHINE VIRTUELLE A L'AIDE D'UNE APPROCHE TRIANGULAIRE**
[72] BROUWER, PIETER KRISTIAN, US
[72] BRENNEMAN, KRISTINA KRAEMER, US
[72] BROOKER, MARC JOHN, US
[72] LIN, JERRY, US
[72] OLSON, MARC STEPHEN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **CLINIQUE DE DIALYSE VIRTUELLE SOCIALE**
[72] COCKS, ELIJAH E., US
[72] BLASBERG, STACY L., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[86] 2016-06-30 (PCT/US2016/040379)
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[54] **CLAMP AND CLAMP ASSEMBLY**
[54] **COLLIER DE SERRAGE ET ENSEMBLE COLLIER DE SERRAGE**
[72] MARTIN, EVAN R., US
[71] HUBBELL INCORPORATED, US
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[54] **ELECTRODES NEGATIVES MULTIPLES**
[72] FENTON, JONATHAN, GB
[72] BAIN, DUNCAN, GB
[72] GORDON, MARTIN, GB
[72] GORDON, BENJAMIN, GB
[71] SKY MEDICAL TECHNOLOGY LTD, DE
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[86] 2016-06-24 (PCT/GB2016/051902)
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[30] GB (15/1205.5) 2015-06-25

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[54] **AIRCRAFT WITH DISTRIBUTED HYDRAULIC SYSTEM**
[54] **AERONEF AVEC SYSTEME HYDRAULIQUE DISTRIBUE**
[72] NFONGUEM, GUSTAVE, CA
[72] ILIESCU, VLAD, CA
[72] ARDMAN, AVRAHAM, CA
[71] BOMBARDIER INC., CA
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[25] EN
[54] **PROFILE OF PIPING FOR A HEAT EXCHANGER, HEAT EXCHANGER FOR CONDENSATION BOILERS PROVIDING SAID PROFILE, AND CONDENSATION BOILER PROVIDING SAID HEAT EXCHANGER**
[54] **PROFIL DE TUBE POUR ECHANGEUR DE CHALEUR, ECHANGEUR DE CHALEUR POUR CHAUDIERES A CONDENSATION PRESENTANT LEDIT PROFIL, ET CHAUDIERE A CONDENSATION EQUIPEE DUDIT ECHANGEUR DE CHALEUR**
[72] DE NARDIS, MARCO, IT
[72] IACHINI, GIANLUCA, IT
[71] RIELLO S.P.A., IT
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[86] 2016-06-21 (PCT/IT2016/000161)
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- [51] **Int.Cl. G06T 7/10 (2017.01) G06T 7/11 (2017.01) A61B 6/03 (2006.01)**
- [25] EN
- [54] **SYSTEMS AND METHODS FOR AUTOMATED SEGMENTATION OF INDIVIDUAL SKELETAL BONES IN 3D ANATOMICAL IMAGES**
- [54] **SYSTEMES ET PROCEDES POUR LA SEGMENTATION AUTOMATISEE D'OS SQUELETTIQUES INDIVIDUELS DANS DES IMAGES ANATOMIQUES 3D**
- [72] BEHROOZ, ALI, US
- [72] KASK, PIET, EE
- [71] PERKINELMER HEALTH SCIENCES, INC., US
- [71] PERKINELMER CELLULAR TECHNOLOGIES GERMANY GMBH, EE
- [85] 2017-12-19
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- [25] EN
- [54] **OXYGEN BARRIERS BASED ON MODIFIED CELLULOSE FIBERS**
- [54] **BARRIERES CONTRE L'OXYGENE A BASE DE FIBRES DE CELLULOSE MODIFIEE**
- [72] LARSSON, PER, SE
- [72] WAGBERG, LARS, SE
- [71] BILLERUDKORSNAS AB, SE
- [85] 2017-12-19
- [86] 2016-06-30 (PCT/SE2016/050663)
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- [25] FR
- [54] **SILICON CARBIDE FIBER TREATMENT METHOD**
- [54] **PROCEDE DE TRAITEMENT DE FIBRES DE CARBURE DE SILICIUM**
- [72] LOISON, SYLVIE, FR
- [72] HUGUET, CHRYSTEL, FR
- [72] DELCAMP, ADRIEN, FR
- [72] BUET, EMILIE, FR
- [71] SAFRAN CERAMICS, FR
- [85] 2017-12-19
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- [51] **Int.Cl. C08F 246/00 (2006.01) C08F 277/00 (2006.01) C08F 290/06 (2006.01)**
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- [54] **POLYMER AS THICKENER AND SUSPENDING AGENT**
- [54] **POLYMERE A TITRE D'AGENT EPAISSISSANT ET SUSPENSIF**
- [72] CHAMPAGNE, CLEMENTINE, FR
- [72] BONY, DELPHINE, FR
- [72] SUAU, JEAN-MARC, FR
- [72] KENSICHER, YVES, FR
- [72] MAGNY, BENOIT, FR
- [71] COATEX, FR
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- [86] 2016-06-23 (PCT/FR2016/051537)
- [87] (WO2016/207554)
- [30] FR (1555751) 2015-06-23

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[13] A1
- [51] **Int.Cl. A61N 5/06 (2006.01)**
- [25] EN
- [54] **LIGHT THERAPY BANDAGE SYSTEM**
- [54] **SYSTEME DE BANDAGE POUR LUMINOTHERAPIE**
- [72] TAPPER, JAY, US
- [72] SHUTTER, DAVID, US
- [72] ALTHOFF, CHARLES PETER, US
- [72] MICHAELSON, JEFF, US
- [72] CRADDOCK, BRADLEY FEILD, US
- [72] DING, LULIN, US
- [72] VIVANT, MARC-AUELIE, US
- [71] JOHNSON & JOHNSON CONSUMER INC., US
- [85] 2017-12-19
- [86] 2016-06-22 (PCT/US2016/038606)
- [87] (WO2016/209856)
- [30] US (14/747,687) 2015-06-23

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- [51] **Int.Cl. G06F 9/30 (2018.01) G06F 15/82 (2006.01)**
- [25] EN
- [54] **SIMD SLIDING WINDOW OPERATION**
- [54] **EXPLOITATION DE FENETRE COULISSANTE SIMD**
- [72] MAHURIN, ERIC, US
- [72] GOLAB, JAKUB PAWEŁ, US
- [71] QUALCOMM INCORPORATED, US
- [85] 2017-12-19
- [86] 2016-07-11 (PCT/US2016/041779)
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- [54] **3D PRINTING METHOD AND APPARATUS**
- [54] **PROCEDE ET APPAREIL D'IMPRESSION 3D**
- [72] BUDGE, DAVID, AU
- [71] AURORA LABS PTY LTD, AU
- [85] 2017-12-20
- [86] 2016-06-13 (PCT/AU2016/000198)
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- [30] AU (2015902421) 2015-06-23
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[54] **SITE SPECIFIC HOMOGENEOUS CONJUGATES WITH KSP INHIBITORS**
[54] **CONJUGUES HOMOGENES SPECIFIQUES AU SITE AVEC INHIBITEURS DE KSP**
[72] LERCHEN, HANS-GEORG, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] STELTER-LUDWIG, BEATRIX, DE
[72] SOMMER, ANETTE, DE
[72] MAHLERT, CHRISTOPH, DE
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] GREVEN, SIMONE, DE
[72] GRIEBENOW, NILS, DE
[72] TEBBE, JAN, DE
[72] KENSCH, OLIVER, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[30] EP (15173488.6) 2015-06-23
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[25] EN
[54] **A PORTABLE DEVICE AND A METHOD FOR PROCESSING CONTINUOUS MONITORING DATA INDICATIVE OF AN ANALYTE IN A BODILY FLUID, A MEDICAL SYSTEM AND A COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF PORTABLE ET PROCEDE DE TRAITEMENT D'UNE SURVEILLANCE CONTINUE DE DONNEES INDICATIVES D'UN ANALYTE DANS UN FLUIDE CORPOREL, SYSTEME MEDICAL ET PRODUIT PROGRAMME D'ORDINATEUR**
[72] STEIGER, BERND, DE
[72] SCHMIDT, WILFRIED, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-12-20
[86] 2016-07-01 (PCT/EP2016/065508)
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[13] A1

[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING MALICIOUS BEHAVIOR ACROSS MULTIPLE SOFTWARE ENTITIES**
[54] **SYSTEMES ET PROCEDES DE SUIVI DE COMPORTEMENTS MALVEILLANTS DANS DE MULTIPLES ENTITES LOGICIELLES**
[72] HAJMASAN, GHEORGHE-FLORIN, RO
[72] PORTASE, RADU-MARIAN, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2017-12-20
[86] 2016-07-04 (PCT/EP2016/065737)
[87] (WO2017/016814)
[30] US (14/808,173) 2015-07-24

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[51] **Int.Cl. A61B 5/145 (2006.01) G16H 50/00 (2018.01) A61B 5/00 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **A PORTABLE DEVICE AND A METHOD FOR COLLECTING AND PROCESSING CONTINUOUS MONITORING DATA INDICATIVE OF AN ANALYTE IN A BODILY FLUID, A MEDICAL SYSTEM AND A COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF PORTABLE ET UN PROCEDE DE COLLECTE ET DE TRAITEMENT DE DONNEES DE SURVEILLANCE CONTINUE INDICATIVES D'UN ANALYTE DANS UN FLUIDE CORPOREL, UN SYSTEME MEDICAL ET UN PRODUIT DE PROGRAMME INFORMATIQUE**
[72] STEIGER, BERND, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-12-20
[86] 2016-07-01 (PCT/EP2016/065482)
[87] (WO2017/001652)
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[21] **2,990,320**
[13] A1

[51] **Int.Cl. G11B 27/038 (2006.01)**
[25] EN
[54] **RHYTHMIC SYNCHRONIZATION OF CROSS FADING FOR MUSICAL AUDIO SECTION REPLACEMENT FOR MULTIMEDIA PLAYBACK**
[54] **SYSTEME DE CONTEXTE MUSICAL, STRUCTURE DE PISTE AUDIO ET PROCEDE DE SYNCHRONISATION EN TEMPS REEL DE CONTENU MUSICAL**
[72] LYSKE, JOSEPH MICHAEL WILLIAM, GB
[71] TIME MACHINE CAPITAL LIMITED, GB
[85] 2017-12-20
[86] 2016-06-22 (PCT/GB2016/051862)
[87] (WO2016/207625)
[30] GB (1510907.7) 2015-06-22

[21] **2,990,332**
[13] A1

[51] **Int.Cl. G08G 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING CONFLICTS BETWEEN AIRCRAFT**
[54] **PROCEDE DE DETECTION DE CONFLITS ENTRE AERONEFS**
[72] BARKER, KENNETH FREDERICK MILES, GB
[71] VIA TECHNOLOGY LTD, GB
[85] 2017-12-20
[86] 2016-06-30 (PCT/GB2016/051965)
[87] (WO2017/013387)
[30] GB (1512909.1) 2015-07-22

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[21] **2,990,343**
[13] A1
[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/55 (2013.01)**
[25] EN
[54] **COMPUTER SECURITY SYSTEMS AND METHODS USING ASYNCHRONOUS INTROSPECTION EXCEPTIONS**
[54] **SYSTEMES ET PROCEDES DE SECURITE INFORMATIQUE UTILISANT DES EXCEPTIONS D'INTROSPECTION ASYNCHRONES**
[72] LUKACS, SANDOR, RO
[72] SIRB, CRISTIAN-BOGDAN, RO
[72] LUTAS, ANDREI-VLAD, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2017-12-20
[86] 2016-07-14 (PCT/EP2016/066745)
[87] (WO2017/009415)
[30] US (62/192,384) 2015-07-14
[30] US (15/209,317) 2016-07-13

[21] **2,990,344**
[13] A1
[51] **Int.Cl. H01M 4/68 (2006.01) H01M 4/20 (2006.01) H01M 4/70 (2006.01) H01M 4/82 (2006.01) H01M 10/14 (2006.01) H01M 10/16 (2006.01)**
[25] EN
[54] **ELECTRICAL STORAGE BATTERIES**
[54] **BATTERIES DE STOCKAGE ELECTRIQUE**
[72] HUMAN, NEILL, ZA
[71] GIGA AMPS UK LIMITED, GB
[85] 2017-12-20
[86] 2016-07-01 (PCT/IB2016/053980)
[87] (WO2017/009734)
[30] GB (1511577.7) 2015-07-01
[30] GB (1516602.8) 2015-09-18

[21] **2,990,356**
[13] A1
[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01)**
[25] EN
[54] **STEEL FOR PRESS HARDENING AND PRESS HARDENED PART MANUFACTURED FROM SUCH STEEL**
[54] **ACIER POUR UNE TREMPPE A LA PRESSE ET PIECE TREMPPEE A LA PRESSE FABRIQUEE A PARTIR D'UN TEL ACIER**
[72] DRILLET, PASCAL, FR
[72] POIRIER, MARIA, FR
[72] SARKAR, SUJAY, FR
[71] ARCELORMITTAL, LU
[85] 2017-12-20
[86] 2016-06-10 (PCT/IB2016/000788)
[87] (WO2017/006159)
[30] IB (PCT/IB2015/001156) 2015-07-09

[21] **2,990,366**
[13] A1
[51] **Int.Cl. C23C 30/00 (2006.01)**
[25] EN
[54] **STEEL SHEET COATED WITH A METALLIC COATING BASED ON ALUMINUM**
[54] **TOLE D'ACIER REVETUE D'UN REVETEMENT METALLIQUE A BASE D'ALUMINIUM**
[72] ALLELY, CHRISTIAN, FR
[72] MACHADO AMORIM, TIAGO, FR
[72] DE STRYCKER, JOOST, BE
[72] VAN DEN BERGH, KRISTA GODELIEVE OSCAR, BE
[71] ARCELORMITTAL, LU
[85] 2017-12-20
[86] 2016-07-08 (PCT/IB2016/000977)
[87] (WO2017/017513)
[30] IB (PCT/IB2015/001281) 2015-07-30

[21] **2,990,370**
[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) A61K 9/08 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **HUNTER SYNDROME THERAPEUTIC AGENT AND TREATMENT METHOD**
[54] **AGENT THERAPEUTIQUE ET PROCEDE DE TRAITEMENT DE MALADIE DE HUNTER**
[72] LEE, JIN-KYUNG, KR
[72] BYUN, HAN-YEUL, KR
[72] JUNG, MYUNG-EUN, KR
[72] LEE, KYU-HYUN, KR
[71] GREEN CROSS CORPORATION, KR
[71] MEDIGENEBIO CORPORATION, KR
[85] 2017-12-20
[86] 2016-07-04 (PCT/KR2016/007203)
[87] (WO2017/003270)
[30] US (62/187,867) 2015-07-02
[30] KR (10-2015-0187297) 2015-12-28

[21] **2,990,405**
[13] A1
[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/55 (2013.01) G06F 9/54 (2006.01)**
[25] EN
[54] **MONITORING OF APPLICATIONS ISOLATED IN CONTAINERS**
[54] **SURVEILLANCE D'APPLICATIONS ISOLEES DANS DES CONTENANTS**
[72] DEGIOANNI, LORIS, US
[72] MARTURANA, LUCA, US
[72] BORELLO, GIANLUCA, US
[71] DRAIOS INC., US
[85] 2017-12-20
[86] 2016-06-08 (PCT/US2016/036435)
[87] (WO2016/209624)
[30] US (62/183,153) 2015-06-22

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[21] **2,990,411**
[13] A1

[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANTIBODY DRUG CONJUGATES OF KINESIN SPINDEL PROTEIN (KSP) INHIBITORS WITH ANTI-B7H3-ANTIBODIES**

[54] **CONJUGUES ANTICORPS-PRINCIPE ACTIF (ADC) D'INHIBITEURS DE KSP AVEC DES ANTICORPS ANTI-B7H3**

[72] LERCHEN, HANS-GEORG, DE

[72] REBSTOCK, ANNE-SOPHIE, FR

[72] CANCHO GRANDE, YOLANDA, DE

[72] WITTRICK, SVEN, DE

[72] BERNDT, SANDRA, DE

[72] GRITZAN, UWE, DE

[72] FITTING, JENNY, DE

[72] STELTE-LUDWIG, BEATRIX, DE

[72] JONES, PATRICK, US

[72] MAHLERT, CHRISTOPH, DE

[72] VOTSMEIJER, CHRISTIAN, DE

[72] SCHONFELD, DORIAN, DE

[72] TRAUTWEIN, MARK, US

[72] WEBER, ERNST, DE

[72] PAWLOWSKI, NIKOLAUS, DE

[72] GREVEN, SIMONE, DE

[72] GLUCK, JULIAN MARIUS, DE

[72] HAMMER, STEFANIE, DE

[72] DIETZ, LISA, DE

[72] MARSCH, STEPHAN, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2017-12-20

[86] 2016-06-20 (PCT/EP2016/064158)

[87] (WO2016/207104)

[30] EP (15173485.2) 2015-06-23

[21] **2,990,420**
[13] A1

[51] **Int.Cl. G06K 7/10 (2006.01) G16H 40/20 (2018.01) G06K 19/07 (2006.01)**

[25] EN

[54] **MEDICATION TRACKING SYSTEM AND METHOD USING HYBRID ISOLATED MAGNETIC DIPOLE PROBE**

[54] **SYSTEME ET PROCEDE DE SUIVI D'UN MEDICAMENT A L'AIDE D'UNE SONDE HYBRIDE A DIPOLE MAGNETIQUE ISOLE**

[72] ELIZONDO, PAUL M., II., US

[71] MEPS REAL-TIME, INC., US

[85] 2017-12-20

[86] 2016-06-23 (PCT/US2016/039090)

[87] (WO2017/003826)

[30] US (14/752,837) 2015-06-27

[21] **2,990,427**
[13] A1

[51] **Int.Cl. B01J 23/46 (2006.01) B01D 53/94 (2006.01) B01J 21/04 (2006.01) B01J 21/06 (2006.01) B01J 23/02 (2006.01) B01J 23/10 (2006.01) B01J 23/40 (2006.01) B01J 23/44 (2006.01) F01N 3/28 (2006.01)**

[25] EN

[54] **LAYERED AUTOMOTIVE CATALYST COMPOSITES**

[54] **COMPOSITES DE CATALYSEUR D'AUTOMOBILE EN COUCHES**

[72] DEEBA, MICHEL, US

[72] SUN, YIPENG, US

[72] LUO, TIAN, US

[72] LEUNG, EMI, US

[72] RUVINSKIY, PAVEL, US

[72] DANG, DINH, US

[71] BASF CORPORATION, US

[85] 2017-12-20

[86] 2016-06-24 (PCT/US2016/039162)

[87] (WO2016/210221)

[30] US (62/184,215) 2015-06-24

[21] **2,990,638**
[13] A1

[51] **Int.Cl. G16H 70/20 (2018.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR IMPLEMENTING WOUND THERAPY PROTOCOLS**

[54] **SYSTEME ET PROCEDES DE MISE EN PLACE DE PROTOCOLES DE TRAITEMENT DE PLAIE**

[72] ALLEN, DIWI L., US

[72] GALAN, GUSTAVO, US

[72] GROTHUES, HANNAH L., US

[72] HILL, ROBERT, US

[72] COLLINS, BARBARA ANNE, US

[72] EDLUND, CHESTER R., US

[72] KIESWETTER, KRISTINE M., US

[72] DASGUPTA, SOMESH, US

[72] HAGGERTY, JOSHUA, US

[71] KCI LICENSING, INC., US

[85] 2017-12-21

[86] 2016-06-24 (PCT/US2016/039420)

[87] (WO2016/210369)

[30] US (62/185,320) 2015-06-26

[21] **2,990,688**
[13] A1

[51] **Int.Cl. B66C 23/90 (2006.01) B66C 13/50 (2006.01) B66C 15/06 (2006.01) B66C 23/04 (2006.01) B66C 23/42 (2006.01) B66C 23/683 (2006.01)**

[25] EN

[54] **CRANE CONTROLLER**

[54] **COMMANDE DE GRUE**

[72] WIMMER, ECKHARD, AT

[72] REITER, PAUL, AT

[71] PALFINGER AG, AT

[85] 2017-12-22

[86] 2016-06-24 (PCT/AT2016/050233)

[87] (WO2016/205851)

[30] AT (GM 50125/2015) 2015-06-24

[21] **2,990,692**
[13] A1

[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MANAGING SUBJECTIVE PROBABILITY BETTING INCLUDING USER-PROVIDED HANDICAPS AND PAYOUT RATES**

[54] **SYSTEMES ET PROCEDES DE GESTION DE PARIS A PROBABILITE SUBJECTIVE COMPRENANT DES DEBITS DE PAIEMENT ET DES HANDICAPS FOURNIS PAR L'UTILISATEUR**

[72] MAHASUVERACHAI, SAK, TH

[71] MAHASUVERACHAI, SAK, TH

[85] 2017-12-21

[86] 2016-07-07 (PCT/US2016/041307)

[87] (WO2017/011262)

[30] US (62/190,821) 2015-07-10

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[21] 2,990,727
[13] A1
[51] Int.Cl. B65D 85/804 (2006.01)
[25] FR
[54] CAPSULE FOR PREPARING A BEVERAGE, MANUFACTURING METHOD AND IMPLEMENTATION METHOD
[54] CAPSULE POUR LA PREPARATION D'UNE BOISSON, PROCEDE DE FABRICATION ET PROCEDE DE MISE EN OEUVRE
[72] MONDILLON, JULIEN, FR
[72] PLUQUET, VINCENT, FR
[72] SCHALLER, HERVE, FR
[71] DIFFUSSENCE, FR
[85] 2017-12-22
[86] 2016-07-01 (PCT/FR2016/051668)
[87] (WO2017/001803)
[30] FR (1556207) 2015-07-01
[30] FR (1559147) 2015-09-29

[21] 2,990,735
[13] A1
[51] Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)
[25] EN
[54] SHIPPABLE NETWORK-ATTACHED DATA STORAGE DEVICE WITH UPDATEABLE ELECTRONIC DISPLAY
[54] DISPOSITIF DE STOCKAGE DE DONNEES EXPEDIABLE CONNECTE A UN RESEAU ET COMPORTANT UN DISPOSITIF D'AFFICHAGE ELECTRONIQUE POUVANT ETRE MIS A JOUR
[72] LAZIER, COLIN LAIRD, US
[72] VASS, WILLIAM J., US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-12-21
[86] 2016-06-30 (PCT/US2016/040510)
[87] (WO2017/004431)
[30] US (14/788,671) 2015-06-30

[21] 2,990,738
[13] A1
[51] Int.Cl. B29C 70/86 (2006.01) B29C 70/54 (2006.01) B29C 70/88 (2006.01) H01L 41/053 (2006.01) H01L 41/22 (2013.01)
[25] FR
[54] METHOD FOR PRODUCING A PART MADE OF A COMPOSITE MATERIAL, INCORPORATING COMPONENTS AND MARKING MEANS
[54] PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE INTEGRANT DES COMPOSANTS ET DES MOYENS DE REPERAGE
[72] LACHAT, REMY, FR
[72] MEYER, YANN, FR
[71] UNIVERSITE DE TECHNOLOGIE DE BELFORT-MONTBELIARD, FR
[85] 2017-12-22
[86] 2016-07-19 (PCT/FR2016/051846)
[87] (WO2017/013346)
[30] FR (1556912) 2015-07-21

[21] 2,990,746
[13] A1
[51] Int.Cl. B08B 3/02 (2006.01)
[25] EN
[54] A PRESSURE WASHER AND A METHOD OF PROVIDING A SUPER-HEATED JET OF WATER
[54] LAVEUR SOUS PRESSION ET PROCEDE D'OBTENTION D'UN JET D'EAU SURCHAUFFE
[72] FAIRCHILD, JAMIE AELFRED, GB
[71] RESTORATIVE TECHNIQUES LTD, GB
[85] 2017-12-22
[86] 2016-06-28 (PCT/GB2016/051936)
[87] (WO2017/006080)
[30] GB (1511747.6) 2015-07-04

[21] 2,990,751
[13] A1
[51] Int.Cl. B29C 70/38 (2006.01) B29C 35/02 (2006.01)
[25] EN
[54] A METHOD OF MANUFACTURING A COMPOSITE COMPONENT
[54] PROCEDE DE FABRICATION D'UN COMPOSANT COMPOSITE
[72] BARNES, ASHLEY, GB
[72] LEE, JAMES A, GB
[72] HOCKING, MATTHEW, GB
[72] GOODMAN, EDWARD, GB
[72] CALVERT, PETER, GB
[71] COMPOSITE TECHNOLOGY AND APPLICATIONS LIMITED, GB
[71] ROLLS-ROYCE PLC, GB
[85] 2017-12-22
[86] 2016-07-04 (PCT/GB2016/052016)
[87] (WO2017/006099)
[30] GB (1511706.2) 2015-07-03

[21] 2,990,754
[13] A1
[51] Int.Cl. B01J 21/06 (2006.01) C09D 7/61 (2018.01) B01J 35/00 (2006.01) B01J 37/02 (2006.01) C09D 5/00 (2006.01) C09D 5/16 (2006.01)
[25] EN
[54] PHOTOCATALYTIC COMPOSITION BASED ON AN AERIAL BINDER AND USE THEREOF FOR THE PRODUCTION OF WATER-BASED PAINTS, IN PARTICULAR FOR INTERIOR APPLICATIONS
[54] COMPOSITION PHOTOCATALYTIQUE A BASE DE LIANT AERIEN ET SON UTILISATION POUR LA FABRICATION DE PEINTURES A BASE D'EAU, EN PARTICULIER POUR APPLICATIONS INTERIEURES
[72] BERNARDONI, MASSIMO, GB
[71] AM TECHNOLOGY LIMITED, GB
[85] 2017-12-22
[86] 2015-06-24 (PCT/IB2015/054743)
[87] (WO2016/207697)

[21] **2,990,766**
[13] A1

[51] Int.Cl. A47J 31/44 (2006.01) A47J 43/12 (2006.01) G01K 11/22 (2006.01)

[25] EN

[54] **A METHOD OF PREPARING A BEVERAGE AND A DEVICE FOR PREPARING A BEVERAGE.**

[54] **PROCEDE ET DISPOSITIF DE PREPARATION D'UNE BOISSON**

[72] DE GRAAFF, GERBRAND KRISTIAAN, NL

[72] WOOD, TREVOR MICHAEL, NL

[72] MAINWARING-BURTON, WILLIAM ROGER, NL

[71] KONINKLIJKE DOUWE EGBERTS B.V., NL

[85] 2017-12-22

[86] 2016-06-30 (PCT/NL.2016/050464)

[87] (WO2017/003288)

[30] NL (2015069) 2015-07-01

[21] **2,990,768**
[13] A1

[51] Int.Cl. A47J 31/44 (2006.01) A47J 31/06 (2006.01) A47J 31/30 (2006.01) A47J 43/12 (2006.01) A47J 43/28 (2006.01)

[25] EN

[54] **A FROTH WAND.**

[54] **EMULSIONNEUR**

[72] WESSELS, HENDRIKUS CHRISTINUS MARIA, NL

[72] DEES, HENDRIK JOHAN, NL

[71] KONINKLIJKE DOUWE EGBERTS B.V., NL

[85] 2017-12-22

[86] 2016-06-30 (PCT/NL.2016/050466)

[87] (WO2017/003290)

[30] NL (2015070) 2015-07-01

[21] **2,990,769**
[13] A1

[51] Int.Cl. A47J 31/06 (2006.01) A47J 31/30 (2006.01) A47J 31/46 (2006.01) A47J 43/12 (2006.01) B65D 85/804 (2006.01)

[25] EN

[54] **A CONTAINER FOR CONTAINING A BEVERAGE BASE MATERIAL, A BEVERAGE PREPARATION SYSTEM INCLUDING AN AUTOMATIC BEVERAGE PREPARATION APPARATUS AND SUCH A CONTAINER, AN AUTOMATIC BEVERAGE PREPARATION APPARATUS FOR USE IN SUCH A BEVERAGE PREPARATION SYSTEM AND A METHOD OF PREPARING A BEVERAGE USING SUCH A BEVERAGE PREPARATION SYSTEM**

[54] **RECIPIENT DESTINE A CONTENIR UN MATERIAU DE BASE POUR BOISSON, SYSTEME DE PREPARATION DE BOISSON COMPRENANT UN APPAREIL DE PREPARATION DE BOISSON AUTOMATIQUE ET UN TEL RECIPIENT, APPAREIL DE PREPARATION DE BOISSON AUTOMATIQUE DESTINE A ETRE UTILISE DANS UN TEL SYSTEME DE PREPARATION DE BOISSON, ET PROCEDE DE PREPARATION D'UNE BOISSON A L'AIDE D'UN TEL SYSTEM**

[72] DE GRAAFF, GERBRAND KRISTIAAN, NL

[72] MOORMAN, CHRISTIAAN JOHANNES MARIA, NL

[72] GILSING, ROY, NL

[72] STEPHENS, RICHARD, NL

[72] FLEMING, JO, NL

[72] PHILLIPS, BRAID, NL

[71] KONINKLIJKE DOUWE EGBERTS B.V., NL

[85] 2017-12-22

[86] 2016-06-30 (PCT/NL.2016/050467)

[87] (WO2017/003291)

[30] NL (2015067) 2015-07-01

[21] **2,990,801**
[13] A1

[51] Int.Cl. F23B 80/02 (2006.01) F23B 40/04 (2006.01) F23G 5/24 (2006.01) F23G 5/44 (2006.01) F23K 3/14 (2006.01) F23L 9/02 (2006.01) F23M 9/08 (2006.01)

[25] EN

[54] **COMBUSTOR**

[54] **CHAMBRE DE COMBUSTION**

[72] NA, SANG-KWON, KR

[72] YOO, YOUNG-BONG, KR

[72] CHOI, YOUNG-JUNE, KR

[71] POSCO, KR

[85] 2017-12-22

[86] 2015-07-30 (PCT/KR2015/007997)

[87] (WO2017/010598)

[30] KR (10-2015-0098219) 2015-07-10

[21] **2,990,854**
[13] A1

[51] Int.Cl. G06Q 10/04 (2012.01) G06Q 10/10 (2012.01) G06Q 20/40 (2012.01)

[25] EN

[54] **FALSE POSITIVE REDUCTION IN ABNORMALITY DETECTION SYSTEM MODELS**

[54] **REDUCTION DES FAUX POSITIFS DANS LES MODELES DE SYSTEMES DE DETECTION D'ANOMALIES**

[72] ZOLDI, SCOTT MICHAEL, US

[72] GRIEGEL, DAVID, US

[71] FAIR ISAAC CORPORATION, US

[85] 2017-12-22

[86] 2016-05-26 (PCT/US2016/034451)

[87] (WO2016/196222)

[30] US (14/726,366) 2015-05-29

PCT Applications Entering the National Phase

[21] 2,990,870
[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01) G06F 17/30 (2006.01)

[25] EN

[54] DETERMINING A REMAINING AMOUNT OF MATERIAL IN A MATERIAL PACKAGE

[54] DETERMINATION D'UNE QUANTITE RESTANTE DE MATERIAU DANS UN EMBALLAGE DE MATERIAU

[72] SPRUELL, STEPHEN LEE, US

[72] MURRAH, CHARLES A., US

[72] SMITH, CARTER EDWARD, US

[71] SOUTHWIRE COMPANY, LLC, US

[85] 2017-12-22

[86] 2016-06-21 (PCT/US2016/038553)

[87] (WO2016/209827)

[30] US (62/182,709) 2015-06-22

[30] US (62/261,338) 2015-12-01

[30] US (62/302,925) 2016-03-03

[21] 2,990,875
[13] A1

[51] Int.Cl. G06Q 10/06 (2012.01) G16H 10/20 (2018.01) G16H 40/20 (2018.01)

[25] EN

[54] NORMALIZING DATA SETS FOR PREDICTING AN ATTRIBUTE OF THE DATA SETS

[54] NORMALISATION D'ENSEMBLES DE DONNEES PERMETTANT DE PREDIRE UN ATTRIBUT D'ENSEMBLES DE DONNEES

[72] CHABA, PIOTR J., US

[72] BAKER, DANIEL J., GB

[71] PRA HEALTH SCIENCES, INC., US

[85] 2017-12-21

[86] 2016-06-30 (PCT/US2016/040336)

[87] (WO2017/004348)

[30] US (62/188,065) 2015-07-02

[30] US (15/193,676) 2016-06-27

[21] 2,990,884
[13] A1

[51] Int.Cl. B32B 7/12 (2006.01) B32B 3/08 (2006.01) B32B 21/06 (2006.01) B32B 38/04 (2006.01) B32B 38/10 (2006.01) B32B 38/14 (2006.01) H05K 1/03 (2006.01)

[25] EN

[54] WOOD DERIVED MULTILAYER PRODUCT WITH INTEGRATED ELECTRIC CIRCUIT AND MANUFACTURING PROCESS

[54] PRODUIT MULTICOUCHE DERIVE DU BOIS AVEC CIRCUIT ELECTRIQUE INTEGRE ET PROCEDE DE FABRICATION

[72] CARVALHO GOMES, JOAO

MANUEL, PT

[72] DINIZ DA FONSECA, JOANA, PT

[72] PINTO LOPES, JAIME RAFAEL, PT

[72] SILVESTRE MENDES PINTO DE

MOURA, BRUNA GABRIELA, PT

[72] POCAS GONCALVES, JOSE

JOAQUIM, PT

[72] BASTOS DA SILVA, MIGUEL

ANTONIO, PT

[72] ROCHA FELGUEIRAS DE SOUSA

NOGUEIRA, MIGUEL, PT

[72] DE MELO MAIA, CRISTINA

ISABEL, PT

[72] RIBEIRO DA CRUZ, PAULO JORGE,

PT

[72] MACIAS FERRA, JOAO MIGUEL, PT

[72] FARIA RAMOS TAVARES, NEUZA

PATRICIA, PT

[72] PACHECO NEVES CARTEADO

MENA, PEDRO MIGUEL, PT

[71] CENTITVC- CENTRO DE

NANOTECNOLOGIA E MATERIAIS

TECNICOS, FUNCOINIS E

INTELIGENTES, PT

[71] SONAE - INDUSTRIA DE

REVESTIMENTOS, S.A., PT

[85] 2017-08-11

[86] 2016-02-15 (PCT/IB2016/050804)

[87] (WO2016/128953)

[30] PT (108227) 2015-02-13

[21] 2,990,891
[13] A1

[51] Int.Cl. G10L 21/0208 (2013.01)

[25] EN

[54] METHOD AND DEVICE FOR ASSOCIATING NOISES AND FOR ANALYZING

[54] METHODE ET DISPOSITIF D'ASSOCIATION DE BRUITS ET D'ANALYSE

[72] SPORER, THOMAS, DE

[72] CLAUSS, TOBIAS, DE

[72] LIEBETRAU, JUDITH, DE

[72] KEPPLINGER, SARA, DE

[72] LUKASHEVICH, HANNA, DE

[72] KEPPLINGER, DIETMAR, AT

[71] FRAUNHOFER-GESELLSCHAFT

ZUR FOERDERUNG DER

ANGEWANDTEN FORCHUNG E.V.,

DE

[85] 2017-12-27

[86] 2016-06-30 (PCT/EP2016/065397)

[87] (WO2017/001611)

[30] EP (15174634.4) 2015-06-30

[21] 2,990,941
[13] A1

[51] Int.Cl. A61K 9/107 (2006.01) A61K 31/05 (2006.01) A61P 23/00 (2006.01)

[25] EN

[54] DELIVERY SYSTEMS FOR PROPOFOL

[54] SYSTEMES D'ADMINISTRATION POUR LE PROPOFOL

[72] GARTI, NISSIM, IL

[72] GARTI LEVI, SHARON, IL

[72] ASERIN, ABRAHAM, IL

[72] PERLSTEIN, MY, IL

[71] YISSUM RESEARCH

DEVELOPMENT COMPANY OF

THE HEBREW UNIVERSITY OF

JERUSALEM LTD, IL

[85] 2017-12-27

[86] 2016-06-29 (PCT/IL2016/050696)

[87] (WO2017/002117)

[30] US (62/187,309) 2015-07-01

Demandes PCT entrant en phase nationale

[21] **2,990,952**
[13] A1

[51] **Int.Cl. G09B 5/00 (2006.01) G06Q 50/20 (2012.01)**

[25] EN

[54] **A SYSTEM AND A METHOD FOR MONITORING PROGRESS OF A LEARNER THROUGH AN EXPERIENTIAL LEARNING CYCLE**

[54] **SYSTEME ET PROCEDE POUR SURVEILLER LA PROGRESSION D'UN APPRENANT A TRAVERS UN CYCLE D'APPRENTISSAGE PAR L'EXPERIENCE**

[72] WATSON, SUSANNAH, AU

[72] JAMES, NICOLE, AU

[72] LAUFENBERG, PHILIPP, AU

[72] SONNENREICH, WES, AU

[72] LEESE, BEAU, AU

[71] INTERSECTIVE PTY LTD, AU

[85] 2017-12-28

[86] 2016-07-01 (PCT/AU2016/050582)

[87] (WO2017/004670)

[30] AU (2015902614) 2015-07-03

[21] **2,990,960**
[13] A1

[51] **Int.Cl. C09K 5/04 (2006.01) F01K 25/08 (2006.01)**

[25] EN

[54] **USE OF 1,3,3,4,4,4-HEXAFLUORO-1-BUTENE IN POWER CYCLES**

[54] **UTILISATION DE 1,3,3,4,4,4-HEXAFLUORO-1-BUTENE DANS DES CYCLES DE PUISSANCE**

[72] KONTOMARIS, KONSTANTINOS, US

[71] THE CHEMOURS COMPANY FC, LLC, US

[85] 2017-12-27

[86] 2016-06-15 (PCT/US2016/037628)

[87] (WO2017/019194)

[30] US (62/197,828) 2015-07-28

[21] **2,990,973**
[13] A1

[51] **Int.Cl. C08G 77/38 (2006.01) C09D 183/10 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING ORGANOPOLYSILOXANES WITH (METH)ACRYLATE FUNCTIONS**

[54] **PROCEDE DE PREPARATION D'ORGANOPOLYSILOXANES AVEC DES FONCTIONS (METH)ACRYLATES**

[72] MALIVERNEY, CHRISTIAN, FR

[71] BLUESTAR SILICONES FRANCE SAS, FR

[85] 2017-12-22

[86] 2016-07-05 (PCT/FR2016/000114)

[87] (WO2017/005993)

[30] FR (15 01425) 2015-07-06

[21] **2,991,000**
[13] A1

[51] **Int.Cl. C08J 3/075 (2006.01) C08J 3/05 (2006.01) C08J 9/28 (2006.01) C08L 5/08 (2006.01) C08L 5/16 (2006.01)**

[25] FR

[54] **METHOD FOR THE PRODUCTION OF HYDROGEL COMPRISING CHITOSAN AND NEGATIVELY CHARGED POLYELECTROLYTES, AND CELLULAR, POROUS MATERIAL RESULTING FROM SAID HYDROGEL**

[54] **PROCEDE DE FABRICATION D'HYDROGEL A BASE DE CHITOSAN ET DE POLYELECTROLYTES CHARGES NEGATIVEMENT ET MATERIAU POREUX ALVEOLAIRE ISSU DUDIT HYDROGEL**

[72] BLANCHEMAIN, NICOLAS, FR

[72] MARTEL, BERNARD, FR

[72] FLORES, CLAUDIA, FR

[72] CAZAUX, FREDERIC, FR

[72] CHAI, FENG, FR

[72] TABARY, NICOLAS, FR

[72] LOPEZ HEREDIA, MARCO, FR

[71] UNIVERSITE DE LILLE 1, SCIENCES ET TECHNOLOGIES, FR

[71] UNIVERSITE LILLE 2 DROIT ET SANTE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR

[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE, FR

[85] 2017-12-28

[86] 2016-07-01 (PCT/FR2016/051684)

[87] (WO2017/001808)

[30] FR (15 56283) 2015-07-02

PCT Applications Entering the National Phase

[21] 2,991,001
[13] A1
[51] Int.Cl. A61B 5/021 (2006.01) G16H 50/20 (2018.01) A61B 5/00 (2006.01) A61B 5/0402 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR PREDICTING OF ACUTE HYPOTENSIVE EPISODES
[54] PROCEDE ET SYSTEME PERMETTANT DE PREDIRE DES EPISODES D'HYPOTENSION AIGUE
[72] VAINORAS, ALFONSAS, LT
[72] NAVICKAS, ZENONAS, LT
[72] BALCIUNAS, MINDAUGAS, LT
[72] RAGAUSKAS, ARMINAS, LT
[72] BERSKIENE, KRISTINA, LT
[72] PETKUS, VYTAUTAS, LT
[72] RUSECKAS, RIMTAUTAS, LT
[71] KAUNAS UNIVERSITY OF TECHNOLOGY, LT
[85] 2017-12-28
[86] 2015-06-30 (PCT/IB2015/054915)
[87] (WO2017/001894)
[30] US (14/754,010) 2015-06-29

[21] 2,991,026
[13] A1
[51] Int.Cl. H04W 4/50 (2018.01) H04W 4/06 (2009.01) H04W 4/08 (2009.01)
[25] EN
[54] METHODS AND SYSTEMS FOR INSTALLING AN APPLICATION VERSION VIA CLOSE-RANGE COMMUNICATIONS
[54] PROCEDE ET SYSTEME POUR L'INSTALLATION D'UNE VERSION D'APPLICATION A TRAVERS DES COMMUNICATIONS A COURTE PORTEE
[72] LOCHAN, GAURAV, US
[72] SRINIVASAN, RAGAVAN, US
[71] FACEBOOK, INC., US
[85] 2017-12-28
[86] 2015-06-30 (PCT/US2015/038647)
[87] (WO2017/003467)
[30] US (14/754,247) 2015-06-29

[21] 2,991,103
[13] A1
[51] Int.Cl. H01M 8/04276 (2016.01) H01M 8/0289 (2016.01) B65D 88/02 (2006.01) B65D 88/12 (2006.01) H01M 8/18 (2006.01)
[25] EN
[54] IMPROVEMENTS IN REDOX FLOW BATTERIES
[54] SYSTEME DE BATTERIE A FLUX REDOX
[72] FASKIN, KETILL, GB
[72] FORD, GRAHAM, GB
[71] RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD (DUBLIN, IRELAND), IE
[85] 2017-12-29
[86] 2016-07-01 (PCT/IB2016/053987)
[87] (WO2017/006232)
[30] GB (1511695.7) 2015-07-03

[21] 2,991,237
[13] A1
[51] Int.Cl. B01F 13/10 (2006.01) B01F 11/00 (2006.01) B01F 13/08 (2006.01)
[25] FR
[54] SYSTEM FOR PREPARING A FORMULATION
[54] SYSTEME DE FABRICATION D'UNE FORMULATION
[72] FIASTRE, OLIVIER, FR
[72] BLANCHY, DAMIEN, FR
[71] PROVAIN, FR
[85] 2018-01-02
[86] 2016-06-30 (PCT/FR2016/051628)
[87] (WO2017/006018)
[30] FR (1556405) 2015-07-06

[21] 2,991,274
[13] A1
[51] Int.Cl. H01M 4/76 (2006.01) H01M 4/04 (2006.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 8/02 (2016.01) H01M 10/04 (2006.01)
[25] EN
[54] METHOD FOR MANUFACTURING A MINIATURIZED ELECTROCHEMICAL CELL AND A MINIATURIZED ELECTROCHEMICAL CELL
[54] PROCEDE DE FABRICATION DE CELLULE ELECTROCHIMIQUE MINIATURISEE ET CELLULE ELECTROCHIMIQUE MINIATURISEE
[72] MANO, NICOLAS, FR
[72] RECLUS, STEPHANE, FR
[72] RAVAIN, SERGE, FR
[72] KARAJIC, ALEKSANDAR, FR
[72] KUHN, ALEXANDER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE BORDEAUX, FR
[85] 2018-01-03
[86] 2016-06-29 (PCT/IB2016/053868)
[87] (WO2017/013506)
[30] EP (15306180.9) 2015-07-20

[21] 2,991,283
[13] A1
[51] Int.Cl. F27D 5/00 (2006.01) B22F 3/00 (2006.01) F27D 3/12 (2006.01)
[25] FR
[54] METHOD FOR HEAT TREATING A PREFORM MADE OF TITANIUM ALLOY POWDER
[54] PROCEDE DE TRAITEMENT THERMIQUE D'UNE PREFORME EN POUDRE EN ALLIAGE A BASE DE TITANE
[72] FRIBOURG, GUILLAUME, FR
[72] BIHR, JEAN-CLAUDE, FR
[72] GILLOT, CLEMENT, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] ALLIANCE, FR
[85] 2018-01-03
[86] 2016-07-06 (PCT/FR2016/051710)
[87] (WO2017/006053)
[30] FR (1556375) 2015-07-06

Demandes PCT entrant en phase nationale

[21] **2,991,304**
[13] A1

[51] **Int.Cl. F16H 1/26 (2006.01) F16D 3/10 (2006.01) F16H 1/22 (2006.01) F16H 55/17 (2006.01) F16H 57/02 (2012.01)**

[25] EN

[54] **A LOAD DISTRIBUTION DEVICE**

[54] **DISPOSITIF DE DISTRIBUTION DE CHARGE**

[72] REDMOND, DENNIS, GB

[71] SMART MANUFACTURING TECHNOLOGY LIMITED, GB

[85] 2018-01-03

[86] 2016-08-19 (PCT/GB2016/052585)

[87] (WO2017/032990)

[30] GB (1515085.7) 2015-08-25

[21] **2,991,407**
[13] A1

[51] **Int.Cl. C11D 1/72 (2006.01) C11D 1/825 (2006.01) C11D 3/04 (2006.01) C11D 3/34 (2006.01)**

[25] EN

[54] **ACID DETERGENT**

[54] **DETERGENT ACIDE**

[72] TRAISTARU, CAMELIA, SE

[72] HEMLING, THOMAS C., SE

[72] CHAPMAN, JAMES, SE

[71] DELAVAL HOLDING AB, SE

[85] 2018-01-04

[86] 2016-07-06 (PCT/SE2016/050694)

[87] (WO2017/007416)

[30] US (62/189,605) 2015-07-07

[21] **2,991,423**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **PORT SCRAMBLING FOR COMPUTER NETWORKS**

[54] **BROUILLAGE DE PORTS POUR RESEAUX INFORMATIQUES**

[72] KAPLAN HAEILION, EREZ, IL

[71] CYBER 2.0 (2015) LTD., IL

[85] 2017-12-29

[86] 2016-08-25 (PCT/IL2016/050931)

[87] (WO2017/033194)

[30] IL (240909) 2015-08-27

[21] **2,991,427**
[13] A1

[51] **Int.Cl. A01B 79/00 (2006.01)**

[25] EN

[54] **AGRICULTURAL CROP ANALYSIS DRONE**

[54] **DRONE POUR L'ANALYSE DES CULTURES AGRICOLES**

[72] O'CONNOR, RAYMOND M., US

[72] DI FEDERICO, IVAN GIOVANNI, IT

[71] TOPCON POSITIONING SYSTEMS, INC., US

[85] 2018-01-04

[86] 2016-07-11 (PCT/US2016/041705)

[87] (WO2017/014971)

[30] US (14/802,389) 2015-07-17

[21] **2,991,435**
[13] A1

[51] **Int.Cl. C23C 30/00 (2006.01)**

[25] FR

[54] **PART COATED WITH A COATING FOR PROTECTION AGAINST CMAS**

[54] **PIECE REVETUE D'UN REVETEMENT DE PROTECTION CONTRE LES CMAS**

[72] BILHE, PASCAL FABRICE, FR

[72] MALIE, ANDRE HUBERT LOUIS, FR

[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2018-01-05

[86] 2016-07-08 (PCT/FR2016/051750)

[87] (WO2017/006069)

[30] FR (1556457) 2015-07-08

[21] **2,991,442**
[13] A1

[51] **Int.Cl. C08L 23/12 (2006.01) B32B 27/32 (2006.01) C08J 9/00 (2006.01) C08K 3/34 (2006.01)**

[25] EN

[54] **POLYPROPYLENE COMPOSITION SUITABLE FOR FOAMED SHEETS AND ARTICLES**

[54] **COMPOSITION DE POLYPROPYLENE APPROPRIEE POUR DES FEUILLES ET DES ARTICLES EN MOUSSE**

[72] LIN, YI AN, TW

[71] REACH PLASTIC INDUSTRIAL CO., LTD., TW

[71] BOREALIS AG, AT

[85] 2018-01-05

[86] 2016-07-29 (PCT/EP2016/068125)

[87] (WO2017/021292)

[30] US (62/199,313) 2015-07-31

[30] EP (15179458.3) 2015-08-03

[21] **2,991,469**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR ENHANCING NK CELL KILLING ACTIVITIES**

[54] **METHODES ET COMPOSITIONS PHARMACEUTIQUES PERMETTANT D'AMELIORER LES ACTIVITES TUEUSES DES CELLULES TUEUSES NATURELLES**

[72] BENSUSSAN, ARMAND, FR

[72] BAGOT, MARTINE, FR

[72] GIUSTINIANI, JEROME, FR

[72] MERROUCHIE, YACINE, FR

[72] DE MASSON, ADELE, FR

[72] MARIE-CARDINE, ANNE, FR

[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR

[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR

[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (APHP), FR

[71] INSTITUT JEAN GODINOT, FR

[85] 2018-01-05

[86] 2016-07-07 (PCT/EP2016/066099)

[87] (WO2017/005845)

[30] EP (15306109.8) 2015-07-07

[21] **2,991,470**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) C12Q 1/68 (2018.01)**

[25] EN

[54] **MICROFLUIDIC DEVICES AND METHODS OF USE THEREOF**

[54] **DISPOSITIFS MICROFLUIDIQUES ET LEURS PROCEDES D'UTILISATION**

[72] RAMMOHAN, AMRITHA, US

[72] BERRY, JAMES, US

[72] SAXENA, SANJEEV, US

[72] CUPPOLETTI, ANDREA, US

[72] BURTON, LOUIS EUGENE, US

[71] POC MEDICAL SYSTEMS, INC., US

[85] 2018-01-04

[86] 2016-08-05 (PCT/US2016/045792)

[87] (WO2017/027384)

[30] US (62/202,353) 2015-08-07

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[21] 2,991,479
[13] A1
[51] Int.Cl. G06T 7/10 (2017.01) G06T 7/162 (2017.01) A61B 3/10 (2006.01)
[25] EN
[54] IMAGE PROCESSING METHOD AND SYSTEM FOR EDGE DETECTION AND LASER EYE SURGERY SYSTEM INCORPORATING THE SAME
[54] PROCEDE DE TRAITEMENT D'IMAGE ET SYSTEME DE DETECTION DE BORD ET SYSTEME DE CHIRURGIE OCULAIRE LASER LE COMPRENANT
[72] GONZALEZ, JAVIER, US
[71] OPTIMEDICA CORPORATION, US
[85] 2018-01-05
[86] 2015-12-15 (PCT/US2015/065738)
[87] (WO2017/007504)
[30] US (62/190,217) 2015-07-08

[21] 2,991,484
[13] A1
[51] Int.Cl. A61B 3/10 (2006.01) A61B 3/107 (2006.01) A61F 2/16 (2006.01) A61F 9/008 (2006.01)
[25] EN
[54] OPTICAL IMAGING AND MEASUREMENT SYSTEMS AND METHODS FOR CATARACT SURGERY AND TREATMENT PLANNING
[54] SYSTEMES D'IMAGERIE ET DE MESURE OPTIQUE ET PROCEDES POUR LA CHIRURGIE DE LA CATARACTE ET LA PLANIFICATION DE TRAITEMENT
[72] NEAL, DANIEL, US
[72] RAYMOND, THOMAS D., US
[72] COPLAND, RICHARD J., US
[72] XIONG, WEI, US
[72] PULASKI, PAUL, US
[72] FARRER, STEPHEN, US
[72] CANOVAS VIDAL, CARMEN, NL
[72] HAMRICK, DANIEL, US
[71] AMO WAVEFRONT SCIENCES LLC, US
[85] 2018-01-05
[86] 2015-12-15 (PCT/US2015/065713)
[87] (WO2017/019117)
[30] US (62/197,539) 2015-07-27

[21] 2,991,488
[13] A1
[51] Int.Cl. G01S 5/02 (2010.01)
[25] EN
[54] SYSTEMS AND METHODS FOR LOCATING TAGS WITHIN A SPACE
[54] SYSTEMES ET PROCEDES DE LOCALISATION D'ETIQUETTES A L'INTERIEUR D'UN ESPACE
[72] RAYNESFORD, STEVEN JAMES, US
[72] GATHRIGHT, DAVID SCOTT, US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2018-01-05
[86] 2016-06-16 (PCT/US2016/037817)
[87] (WO2016/205478)
[30] US (14/740,383) 2015-06-16

[21] 2,991,489
[13] A1
[51] Int.Cl. C09K 15/32 (2006.01) C08K 5/00 (2006.01) H01B 1/12 (2006.01)
[25] EN
[54] SUBSTITUTED BENZOTRIAZOLE PHENOLATE SALTS AND ANTIOXIDANT COMPOSITIONS FORMED THEREFROM
[54] SELS PHENOLATES DE BENZOTRIAZOLE SUBSTITUES ET COMPOSITIONS ANTIOXYDANTES FORMEES A PARTIR DE CEUX-CI
[72] SCHULTZ, NATHAN E., US
[72] LI, FUMING B., US
[72] VOLP, KELLY A., US
[72] MCCORMICK, MARK, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-01-05
[86] 2016-06-30 (PCT/US2016/040370)
[87] (WO2017/007677)
[30] US (62/189,473) 2015-07-07

[21] 2,991,490
[13] A1
[51] Int.Cl. A61F 9/008 (2006.01)
[25] EN
[54] LASER SURGICAL SYSTEMS WITH LASER SCAN LOCATION VERIFICATION
[54] SYSTEMES CHIRURGICAUX LASER A VERIFICATION D'EMPLACEMENT DE BALAYAGE LASER
[72] GONZALEZ, JAVIER G., US
[72] HART, JOHN S., US
[71] OPTIMEDICA CORPORATION, US
[85] 2018-01-05
[86] 2015-12-15 (PCT/US2015/065724)
[87] (WO2017/007503)
[30] US (62/190,227) 2015-07-08

[21] 2,991,495
[13] A1
[51] Int.Cl. A61F 2/46 (2006.01) A61B 5/00 (2006.01) A61F 2/30 (2006.01) A61F 2/40 (2006.01)
[25] EN
[54] SENSOR-BASED SHOULDER SYSTEM AND METHOD
[54] PROCEDE ET SYSTEME A BASE DE CAPTEUR POUR EPAULE
[72] BRITTON, ORSA, US
[72] VAN KAMPEN, WILLIAM, US
[72] NOLAN, DAVID A., US
[71] ZIMMER, INC., US
[85] 2018-01-05
[86] 2016-07-07 (PCT/US2016/041326)
[87] (WO2017/007929)
[30] US (62/190,054) 2015-07-08

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[21] 2,991,511
[13] A1

[51] Int.Cl. C25B 1/04 (2006.01) C25B 11/04 (2006.01)

[25] EN

[54] **ELECTRODE MATERIAL FOR ELECTROLYTIC HYDROGEN GENERATION**

[54] **MATERIAU D'ELECTRODE POUR LA GENERATION ELECTROLYTIQUE D'HYDROGENE**

[72] MERZOUGUI, BELABBES, US

[72] ABIDEMI, BUKOLA SAHEED, SA

[72] QAMAR, MOHAMMAD, SA

[72] AKINPELU, ADEOLA AKEEM, SA

[72] NOUI-MEHHI, MOHAMED NABIL, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2018-01-04

[86] 2016-06-15 (PCT/US2016/037597)

[87] (WO2017/007581)

[30] US (62/190,574) 2015-07-09

[30] US (15/147,252) 2016-05-05

[21] 2,991,515
[13] A1

[51] Int.Cl. C08J 11/10 (2006.01) C07C 51/09 (2006.01) C07C 67/475 (2006.01) C07C 69/82 (2006.01) C08G 63/183 (2006.01) C08G 63/78 (2006.01) C08J 11/20 (2006.01) C08J 11/24 (2006.01) C08J 11/26 (2006.01)

[25] EN

[54] **POLYETHYLENE TEREPHTHALATE DEPOLYMERIZATION**

[54] **DEPOLYMERISATION DE POLYTEREPHTHALATE D'ETHYLENE**

[72] ESSADDAM, HATEM, US

[71] LOOP INDUSTRIES, INC., US

[85] 2018-01-05

[86] 2016-07-07 (PCT/US2016/041392)

[87] (WO2017/007965)

[30] US (14/795,116) 2015-07-09

[21] 2,991,521
[13] A1

[51] Int.Cl. C07D 501/04 (2006.01) C07D 285/08 (2006.01) C07D 501/56 (2006.01) C07D 501/60 (2006.01)

[25] EN

[54] **PROCESS FOR PREPARING CEFTOLOZANE FROM 7-AMINOCEPHALOSPORANIC ACID (7-ACA)**

[54] **PROCEDE DE PREPARATION DE CEFTOLOZANE A PARTIR D'UN ACIDE 7-AMINOCEPHALOSPORANIQUE (7-ACA)**

[72] FISCHER, MICHAEL, AT

[72] FELZMANN, WOLFGANG, AT

[72] HUETZ, RONNY, AT

[72] LANGNER, MARTIN, AT

[72] ENDL, BIRGIT, AT

[71] SANDOZ AG, CH

[85] 2018-01-04

[86] 2016-09-07 (PCT/EP2016/071021)

[87] (WO2017/042188)

[30] EP (15184317.4) 2015-09-08

[21] 2,991,522
[13] A1

[51] Int.Cl. G06K 7/10 (2006.01) G06F 1/16 (2006.01) G06K 19/07 (2006.01)

[25] EN

[54] **WEARABLE RADIO FREQUENCY IDENTIFICATION ENABLED DEVICES**

[54] **DISPOSITIFS PORTABLES SUR SOI, ACTIVES PAR IDENTIFICATION DE RADIOFREQUENCES**

[72] HOSSEINI, ALISTER, US

[72] TRIVELPIECE, STEVE EDWARD, US

[71] TYCO FIRE & SECURITY GMBH, CH

[85] 2018-01-04

[86] 2016-06-17 (PCT/US2016/038194)

[87] (WO2016/205720)

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[54] **TRAITEMENT DU TROUBLE DU TRAITEMENT DU CORTEX PRE-FRONTAL, TRAITEMENT D'UNE ALTERATION DE LA DEMARCHE ET D'UN MEMBRE**

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[72] KAPLAN, GILL, US

[71] GILROSE PHARMACEUTICALS, LLC, US

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[54] **SUPPORT D'ACTIONNEUR AYANT UN CAPTEUR**

[72] JELKEN, SHANNON E., US

[72] RACHUY, MARK ALLEN, US

[72] GOOD, BENJAMIN URIAH, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

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[54] **HOLLOW SLEEVE AUGMENT DEVICE AND TOOL**
[54] **DISPOSITIF ET OUTIL D'AUGMENTATION DE MANCHON CREUX**
[72] BAUER, ECKHARD, DE
[72] LINK, HELMUT D., DE
[71] WALDEMAR LINK GMBH & CO. KG, DE
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[54] **CLEANING AGENT CONTAINER**
[54] **CONTENANT POUR DETERGENT**
[72] VETTERLI, HEINZ, CH
[72] TURI, MARIANO, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
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[72] LANGEDIJK, JOHANNES, NL
[72] FURMANOVA HOLLENSTEIN, POLINA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
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[54] **VACCINS POUR LE TRAITEMENT ET LA PREVENTION DE MALADIES MEDIEES PAR ICE**
[72] SMRZKA, OSKAR, AT
[72] VIGL, BENJAMIN, AT
[71] AFFIRIS AG, AT
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[54] **DISPOSITIF D'UNITE DE COUPE**
[72] MUELLER, MATTHIAS, DE
[72] ZUERN, ROLF, DE
[72] WOEBCKE, STEFFEN, DE
[72] HERLITZJUS, THOMAS, DE
[72] MICHALKE, NORBERT, DE
[72] SCHUEFFENHAUER, UWE, DE
[72] JUNG, MARCO, DE
[72] OTTO, SASCHA, DE
[71] ZURN HARVESTING GMBH & CO. KG, DE
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[54] **METHOD FOR THE MANUFACTURE OF A HARDENED PART WHICH DOES NOT HAVE LME ISSUES**
[54] **PROCEDE DE FABRICATION D'UNE PIECE DURCIE NE PRESENTANT AUCUN PROBLEME DE LME**
[72] ALLELY, CHRISTIAN, FR
[72] MACHADO AMORIM, TIAGO, FR
[72] GRIGORIEVA, RAISA, FR
[72] DUSSAUSSOIS, DAVID, FR
[71] ARCELORMITTAL, LU
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[51] **Int.Cl. C21D 1/673 (2006.01) C22C 21/10 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **A METHOD FOR THE MANUFACTURE OF A PHOSPHATABLE PART STARTING FROM A STEEL SHEET COATED WITH A METALLIC COATING BASED ON ALUMINIUM**
[54] **PROCEDE DE FABRICATION D'UNE PIECE APTE A LA PHOSPHATATION A PARTIR D'UNE TOLE D'ACIER REVETUE D'UN REVETEMENT METALLIQUE A BASE D'ALUMINIUM**
[72] MACHADO AMORIM, TIAGO, FR
[72] ALLELY, CHRISTIAN, FR
[72] LEUILLIER, GREGORY, FR
[71] ARCELORMITTAL, LU
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[54] **DISPOSITIF DE CALCUL ET PROCEDE DE FONCTIONNEMENT POUR LE MASQUAGE DE SELECTION DE CHOIX VISUEL**

[72] GOMES MOREIRA PEGO, JOSE MIGUEL, PT

[72] GONCALVES SANTOS, NUNO MIGUEL, PT

[71] GOMES MOREIRA PEGO, JOSE MIGUEL, PT

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[54] **PROCEDE ET ARTICLE POUR EVALUER UN EFFET DE BOUE DANS UNE MESURE D'OUTIL D'IMAGERIE**

[72] SAN MARTIN, LUIS EMILIO, US

[72] WU, HISU-HSIANG, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-05

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[72] KANE, PRASAD LAXMAN, GB

[71] WORLEYPARSONS EUROPE LTD., GB

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[54] **METHOD OF SIMULATING THE OPERATION OF AN ELECTRONIC CIRCUIT AND PROGRAM**

[54] **PROCEDE DE SIMULATION DU FONCTIONNEMENT D'UN CIRCUIT ELECTRONIQUE ET PROGRAMME**

[72] DRON, WILFRIED, FR

[72] HACHICHA, KHALIL, FR

[72] GARDA, PATRICK, FR

[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

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[54] **IN SITU PREPARATION OF CYANO-BRIDGED METAL NANOPARTICLES WITHIN A BIOCOMPATIBLE REVERSE MICELLAR SYSTEM**

[54] **PREPARATION IN SITU DE NANOPARTICULES A PONT CYANO, A L'INTERIEUR D'UN SYSTEME MICELLAIRE INVERSE BIOCOMPATIBLE**

[72] MAUREL, JEAN-CLAUDE, FR

[72] COMPTE, ELSA, FR

[72] LAVAUD, CYRIL, FR

[72] GUARI, YANNICK, FR

[72] GUARI, JOULIA, FR

[72] LONG, JEROME, FR

[71] MEDESIS PHARMA, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

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[25] EN
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[54] PLATEAU DE CONTACT A CLAPETS POUR COLONNE DE TRANSFERT DE MASSE
[72] NIEUWOUDT, IZAK, US
[72] GRIESEL, CHARLES, US
[72] ARMBRISTER, CLARENCE, US
[71] KOCH-GLITSCH, I.P., US
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[54] SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR POUR DETECTER DES ANOMALIES DE FACTURATION
[72] PARAMESWARAN, SATHIYAN, US
[72] PAUL, DIPANJAN, US
[72] SHERIDAN, DON, US
[72] WIXTROM, KARL, US
[72] PRZEZDZECKI, JOHN F., US
[72] EISENTRAUT, TIMOTHY J., US
[72] PATEL, NIRAJ R., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[86] 2016-03-29 (PCT/US2016/024645)
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[30] US (14/794,074) 2015-07-08

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[13] A1
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[25] EN
[54] HEDTA BASED CHELANTS USED WITH DIVALENT BRINES, WELLBORE FLUIDS INCLUDING THE SAME AND METHODS OF USE THEREOF
[54] AGENTS CHELATANTS A BASE DE HEDTA UTILISES AVEC DES SAUMURES DIVALENTES, FLUIDES DE FORAGE LES COMPRENANT ET PROCEDES D'UTILISATION ASSOCIES
[72] EYAA A ALLOGO, CLOTAIRE-MARIE, US
[72] RAVITZ, RAYMOND, US
[72] GADIYAR, BALKRISHNA, US
[72] SANTAMARIA, JUAN-CARLOS, US
[71] M-I-L-L-C., US
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[87] (WO2017/007781)
[30] US (62/189,046) 2015-07-06

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[51] Int.Cl. B67D 3/04 (2006.01) B65D 47/38 (2006.01) B65D 77/06 (2006.01) B67B 7/00 (2006.01)
[25] EN
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[54] ROBINET AVEC VALVE DE DISTRIBUTION DE LIQUIDE ET ELEMENT DE PERCAGE POUR SACHET
[72] STEVER, RAYMOND ANDREW, US
[72] BEER, JEFFREY SCOTT, US
[71] FRES-CO SYSTEM USA, INC., US
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[30] US (62/189,428) 2015-07-07
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[25] EN
[54] METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND FOR THE TREATMENT OF ADRENOLEUKODYSTROPHY
[54] METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE ADRENOLEUCODYSTROPHIE
[72] PUJOL ONOFRE, AURORA, ES
[72] PORTERO OTIN, MANUEL, ES
[72] PAMPLONA GRAS, REINALDO, ES
[72] LOPEZ DE MUNAIN ARREGI, ADOLFO JOSE, ES
[72] JOVE FONT, MARIONA, ES
[72] FOURCADE, STEPHANE, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL), ES
[71] FUNDACIO INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS (ICREA), ES
[71] ADMINISTRACION GENERAL DE LA COMUNIDAD AUTONOMA DE EUSKADI, ES
[71] UNIVERSITAT DE LLEIDA, ES
[71] INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO DR PIFARRE, ES
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[51] Int.Cl. A61B 17/15 (2006.01)
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[72] JONES, NOLAN C., US
[72] TOLER, JASON S., US
[72] EARL, BRIAN D., US
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[30] US (62/189,416) 2015-07-07

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[54] POUDRE DE CHOCOLAT AGGLOMEREE SOLUBLE

[72] CHAVEZ MONTES, BRUNO, CH

[72] WOOSTER, TIMOTHY JAMES, CH

[72] JACCARD, DOMINIQUE, CH

[72] LEFAIT, HUGUES, FR

[71] NESTEC S.A., CH

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[54] PROCEDES ET SYSTEMES DE DIMENSIONNEMENT DE DISPOSITIF ORTHETIQUE

[72] LATTERMAN, SUE ANN, US

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[30] US (62/189,620) 2015-07-07

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[13] A1

[51] Int.Cl. C08F 8/04 (2006.01) C08F 297/02 (2006.01) C08K 5/00 (2006.01) C08K 5/01 (2006.01) C08L 53/02 (2006.01)

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[54] HYDROGENATED RUBBER WITH IMPROVED PERFORMANCE IN TPE COMPOSITIONS

[54] CAOUTCHOUC HYDROGENE AYANT UNE EFFICACITE AMELIOREE PRESENT DANS DES COMPOSITIONS DE TPE

[72] CRUZ TEJEDOR, MARIA ANGELA, ES

[72] FRAGA TRILLO, LUISA MARIA, ES

[72] ALONSO ZAPIRAIN, INES, ES

[71] DYNASOL ELASTOMEROS S.A., ES

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[25] EN

[54] METHOD AND APPARATUS FOR CREATING AN OPENING IN THE CALCIFIED SHELL IN THE REGION OF THE BLUNT END OF AN INCUBATED BIRD EGG WITH EMBRYO AND FOR DETERMINING THE SEX THEREOF

[54] PROCEDE ET DISPOSITIF POUR L'AMENAGEMENT D'UNE OUVERTURE DANS LA COQUE DE CALCAIRE DANS LA ZONE DU BOUT EMOUSSE D'OEUF D'OISEAUX INCUBES CONTENANT UN EMBRYON

[72] HURLIN, JORG, DE

[72] MEISSNER, SVEN, DE

[72] FISCHER, BJORN, DE

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[87] (WO2017/017277)

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[21] 2,991,606
[13] A1

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[54] AUXILIAIRE DE COMPATIBILITE POUR DES PESTICIDES DANS DES COMPOSITIONS D'ENGRAIS

[72] RYAN, NEAL, US

[72] ORTIZ-SUAREZ, MARIVI, US

[72] MARON, ZACHARY, US

[71] RHODIA OPERATIONS, FR

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[87] (WO2017/007995)

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[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01)

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[54] CONSTRUCTIONS D'ANTICORPS POUR FLT3 ET CD3

[72] RAUM, TOBIAS, DE

[72] PENNZIALEK, JOCHEN, DE

[72] BLUEMEL, CLAUDIA, DE

[72] BOTT, FRANZISKA, DE

[72] DAHLHOFF, CHRISTOPH, DE

[72] HOFFMANN, PATRICK, DE

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[71] AMGEN RESEARCH (MUNICH) GMBH, DE

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[86] 2016-08-01 (PCT/EP2016/068319)

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[21] 2,991,620
[13] A1

[51] Int.Cl. A61C 17/36 (2006.01) A61C 17/40 (2006.01)

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[54] ORAL CLEANSING DEVICE WITH ENERGY CONSERVATION

[54] DISPOSITIF D'HYGIENE BUCCALE A CONSERVATION D'ENERGIE

[72] WAGNER, ROBERT D., US

[71] WATER PIK, INC., US

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[30] US (62/190,094) 2015-07-08

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[13] A1
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[25] EN
[54] PRESSURE SWING ADSORBERS WITH FLOW REGULATION BY ORIFICES
[54] ADSORBEURS MODULES EN PRESSION A REGULATION D'ECOULEMENT AU MOYEN D'ORIFICES
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[72] LI, ZHIJIANG, US
[71] NUVERA FUEL CELLS, LLC, US
[85] 2018-01-05
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[87] (WO2017/011447)
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[51] Int.Cl. H01M 8/04828 (2016.01) H01M 8/0438 (2016.01) H01M 8/04537 (2016.01) H01M 8/04664 (2016.01) H01M 8/04746 (2016.01) H01M 8/04791 (2016.01) H01M 8/1018 (2016.01) B64D 37/32 (2006.01) B64D 41/00 (2006.01)
[25] EN
[54] GENERATION OF OXYGEN DEPLETED AIR BY A FUEL CELL SYSTEM
[54] PRODUCTION D'AIR APPAUVRI EN OXYGENE PAR UN SYSTEME DE PILE A COMBUSTIBLE
[72] BUELTE, STEVE, US
[72] QUET, PIERRE-FRANCOIS, US
[71] NUVERA FUEL CELLS, LLC, US
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[87] (WO2017/011449)
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[25] EN
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[54] ARTICLES EN VERRE DOUES D'UNE PERFORMANCE AU BRIS AMELIOREE
[72] DEMARTINO, STEVEN EDWARD, US
[72] FABIAN, MICHELLE DAWN, US
[72] KOHLI, JEFFREY TODD, US
[72] LYON, JENNIFER LYNN, US
[72] SMITH, CHARLENE MARIE, US
[72] TANG, ZHONGZHI, US
[71] CORNING INCORPORATED, US
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[54] IMPROVED WATER HEATING SYSTEM AND VALVING FOR THESE
[54] SYSTEME DE CHAUFFAGE D'EAU AMELIORE ET SOUPAPE ASSOCIEE
[72] COOPER, JOSH, AU
[71] RHEEM AUSTRALIA PTY LIMITED, AU
[85] 2018-01-08
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[30] AU (2015902733) 2015-07-10

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[13] A1
[51] Int.Cl. G02B 27/01 (2006.01) G02C 5/00 (2006.01)
[25] EN
[54] METHODS AND DEVICES FOR DEMOUNTABLE HEAD MOUNTED DISPLAYS
[54] PROCEDES ET DISPOSITIFS DESTINES A DES DISPOSITIFS D'AFFICHAGE DEMONTABLES INSTALLES SUR LA TETE
[72] JONES, FRANK, CA
[72] HARRIS, MARK, CA
[71] JONES, FRANK, CA
[71] HARRIS, MARK, CA
[85] 2018-01-08
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[54] NOVEL PYRIMIDINES AS EGFR INHIBITORS AND METHODS OF TREATING DISORDERS
[54] NOUVELLES PYRIMIDINES UTILES EN TANT QU'INHIBITEURS D'EGFR ET METHODES DE TRAITEMENT DE TROUBLES
[72] GRAY, NATHANIEL S., US
[72] JANG, JAEBOG, US
[72] JANNE, PASI, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-01-05
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[30] US (62/194,594) 2015-07-20

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[25] EN
[54] **STEVIOL GLYCOSIDE COMPOSITION**
[54] **COMPOSITION DE GLYCOSIDE DE STEVIOL**
[72] GEERTMAN, ROBERT, NL
[72] GALAEV, IGOR, NL
[71] DSM IP ASSETS B.V., NL
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[30] US (62/191,007) 2015-07-10

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[13] A1

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[25] FR
[54] **DISPOSITIF DE STIMULATION DE L' AIR TRACHEO-BRONCHIQUE**
[54] **DEVICE FOR STIMULATING TRACHEOBRONCHIAL AIR**
[72] LANTZ, JEAN-SEBASTIEN, FR
[72] MITHALAL, ADRIEN, FR
[71] LANTZ, JEAN-SEBASTIEN, FR
[71] MITHALAL, ADRIEN, FR
[85] 2018-01-08
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[13] A1

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[25] EN
[54] **METHOD AND SYSTEM FOR COOLING AND SEPARATING A HYDROCARBON STREAM**
[54] **PROCEDE ET SYSTEME DE REFOIDISSEMENT ET DE SEPARATION D'UN COURANT D'HYDROCARBURES**
[72] KUSTERS, KAREL ANTONIUS, NL
[72] PEK, JOHAN JAN BAREND, NL
[72] VAN VEGHEL, META JANNETTA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-01-08
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[25] EN
[54] **COMBINATION INTERNAL AND EXTERNAL SEXUAL STIMULATION DEVICE**
[54] **DISPOSITIF COMBINE DE STIMULATION SEXUELLE INTERNE ET EXTERNE**
[72] BAETICA, FLORIN, CA
[72] MURISON, BRUCE DONALD, CA
[71] STANDARD INNOVATION CORPORATION, CA
[85] 2018-01-08
[86] 2016-07-08 (PCT/CA2016/050800)
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[30] US (62/189,989) 2015-07-08

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[13] A1

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[25] EN
[54] **DUPLEX STAINLESS STEEL AND FORMED OBJECT THEREOF**
[54] **ACIER INOXYDABLE DUPLEX ET OBJET FORME CONSTITUE DE CELUI-CI**
[72] GULLBERG, DANIEL, SE
[72] HARALDSSON, CHRISTINA, SE
[72] WILSON, ANDERS, SE
[72] SCHEERDER, ALEXANDER ALEIDA ANTONIUS, NL
[72] OFEI, KIRK ANGUAH, NL
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-01-08
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[25] EN
[54] **SYSTEM AND METHOD FOR SCANNING ANATOMICAL STRUCTURES AND FOR DISPLAYING A SCANNING RESULT**
[54] **SYSTEME ET PROCEDE DE BALAYAGE DE STRUCTURES ANATOMIQUES ET DE REPRESENTATION D'UN RESULTAT DE BALAYAGE**
[72] STALDER, SEVERIN, CH
[72] BERNER, MARKUS, CH
[72] KLEIN, KONRAD, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2018-01-08
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[25] EN
[54] **SOLUTION PHASE SYNTHESIS AND CRYSTALLIZATION OF BETA-TURN PEPTIDOMIMETIC CYCLIC SALTS**
[54] **SYNTHESE EN PHASE DE SOLUTION ET CRISTALLISATION DE SELS CYCLIQUES PEPTIDOMIMETIQUES A COUDE BETA**
[72] DEVIN, CHANTAL, FR
[72] TIAN, WEI, SE
[72] BOHLIN, MARTIN, SE
[72] ROCCHI, SEBASTIAN, FR
[71] MIMETOGEN PHARMACEUTICALS, INC., CA
[85] 2018-01-08
[86] 2016-07-08 (PCT/EP2016/066281)
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[25] EN
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[72] GEERTMAN, ROBERT, NL
[72] GALAEV, IGOR, NL
[71] DSM IP ASSETS B.V., NL
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[25] EN
[54] GENETIC TESTING FOR PREDICTING RESISTANCE OF MORGANELLA SPECIES AGAINST ANTIMICROBIAL AGENTS
[54] TEST GENETIQUE PERMETTANT DE PREDIRE LA RESISTANCE D'ESPECES DE MORGANELLA A DES AGENTS ANTIMICROBIENS
[72] KELLER, ANDREAS, DE
[72] SCHMOLKE, SUSANNE, DE
[72] STAEHLER, CORD FRIEDRICH, DE
[72] BACKES, CHRISTINA, DE
[72] GALATA, VALENTINA, DE
[71] ARES GENETICS GMBH, AT
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[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] GENETIC TESTING FOR PREDICTING RESISTANCE OF ENTEROBACTER SPECIES AGAINST ANTIMICROBIAL AGENTS
[54] TEST GENETIQUE PERMETTANT DE PREDIRE LA RESISTANCE DE L'ESPECE ENTEROBACTER AUX AGENTS ANTIMICROBIENS
[72] KELLER, ANDREAS, DE
[72] SCHMOLKE, SUSANNE, DE
[72] STAEHLER, CORD FRIEDRICH, DE
[72] BACKES, CHRISTINA, DE
[72] GALATA, VALENTINA, DE
[71] ARES GENETICS GMBH, AT
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[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] GENETIC TESTING FOR PREDICTING RESISTANCE OF STENOTROPHOMONAS SPECIES AGAINST ANTIMICROBIAL AGENTS
[54] TEST GENETIQUE PERMETTANT DE PREDIRE LA RESISTANCE DE L'ESPECE STENOTROPHOMONAS A DES AGENTS ANTIMICROBIENS
[72] KELLER, ANDREAS, DE
[72] SCHMOLKE, SUSANNE, DE
[72] STAEHLER, CORD FRIEDRICH, DE
[72] BACKES, CHRISTINA, DE
[72] GALATA, VALENTINA, DE
[71] ARES GENETICS GMBH, AT
[85] 2018-01-08
[86] 2016-07-25 (PCT/EP2016/067611)
[87] (WO2017/017045)
[30] EP (PCT/EP2015/067413) 2015-07-29

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[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] BISPECIFIC ANTIBODY CONSTRUCTS BINDING MESOTHELIN AND CD3
[54] CONSTRUCTIONS D'ANTICORPS BISPECIFIQUES SE LIANT A LA MESOTHELINE ET A CD3
[72] RAUM, TOBIAS, DE
[72] KUFER, PETER, DE
[72] RAU, DORIS, DE
[72] ANLAHR, JONAS, DE
[72] BLUEMEL, CLAUDIA, DE
[72] HOFFMANN, PATRICK, DE
[72] NAHRWOLD, ELISABETH, DE
[72] BAILIS, JULIE, US
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[71] AMGEN INC., US
[85] 2018-01-08
[86] 2016-08-01 (PCT/EP2016/068304)
[87] (WO2017/021356)
[30] US (62/199,939) 2015-07-31
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[51] Int.Cl. B06B 1/04 (2006.01) H02K 15/00 (2006.01) H02K 33/16 (2006.01) A63F 13/285 (2014.01) G06F 3/01 (2006.01)
[25] EN
[54] VIBRATING ACTUATOR
[54] ACTIONNEUR VIBRANT
[72] BERREZAG, AMIR, DE
[72] BUTTNER, DANIEL, DE
[71] LOFELT GMBH, DE
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[86] 2016-06-23 (PCT/EP2016/064522)
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[30] DE (10 2015 111 527.1) 2015-07-16

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[51] **Int.Cl. A01N 37/06 (2006.01) A01N 43/16 (2006.01) A01N 51/00 (2006.01) A01N 53/00 (2006.01)**

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[54] **INHIBITORS OF ENZYMES THAT CONFER PESTICIDE RESISTANCE**

[54] **INHIBITEURS ENZYMATIQUES QUI CONFERENT UNE RESISTANCE AUX PESTICIDES**

[72] MOORES, GRAHAM, GB

[71] APRESLABS LTD, GB

[85] 2018-01-08

[86] 2016-07-05 (PCT/EP2016/065794)

[87] (WO2017/005728)

[30] GB (1512041.3) 2015-07-09

[21] **2,991,682**
[13] A1

[51] **Int.Cl. C09K 5/20 (2006.01)**

[25] EN

[54] **HEAT TRANSFER FLUID COMPOSITION AND USE**

[54] **COMPOSITION DE FLUIDE CALOPORTEUR ET UTILISATION**

[72] GRAY, PHILIP, GB

[71] KILFROST GROUP PLC, GB

[85] 2018-01-08

[86] 2016-07-14 (PCT/GB2016/052134)

[87] (WO2017/009652)

[30] GB (1512303.7) 2015-07-14

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[51] **Int.Cl. H04L 9/12 (2006.01) H04L 12/12 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SECURE REAL-TIME CLOUD SERVICES**

[54] **SYSTEME ET PROCEDE DESTINES A DES SERVICES DU CLOUD EN TEMPS REEL SECURISES**

[72] THOMAS, ANDREW, CA

[71] REAL INNOVATIONS INTERNATIONAL LLC, CA

[85] 2018-01-08

[86] 2015-07-09 (PCT/US2015/001765)

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[30] US (14/743,666) 2015-06-18

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[51] **Int.Cl. E21B 43/04 (2006.01)**

[25] EN

[54] **LEAK-OFF ASSEMBLY FOR GRAVEL PACK SYSTEM**

[54] **ENSEMBLE DE FUITE POUR SYSTEME FILTRE A GRAVIER**

[72] HODGE, ROBERT F., US

[72] MCNAMEE, STEPHEN, US

[72] SLADIC, JOHN S., US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US

[85] 2018-01-05

[86] 2016-07-18 (PCT/US2016/042743)

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[30] US (62/195,702) 2015-07-22

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[54] **SINGLE-SENSOR ANALYSIS SYSTEM**

[54] **SYSTEME D'ANALYSE A CAPTEUR UNIQUE**

[72] BEISEL, JOSEPH A., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-08

[86] 2015-09-04 (PCT/US2015/048673)

[87] (WO2017/039700)

[21] **2,991,702**
[13] A1

[51] **Int.Cl. C07D 295/088 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING HYDROXYETHYL PIPERAZINE COMPOUNDS**

[54] **PROCEDE POUR LA PRODUCTION DE COMPOSES HYDROXYETHYL PIPERAZINE**

[72] PENDERGAST, JOHN G., US

[72] DIXIT, RAVINDRA S., US

[72] KING, STEPHEN W., US

[72] LAROCHE, CHRISTOPHE R., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2018-01-08

[86] 2016-07-08 (PCT/US2016/041427)

[87] (WO2017/011283)

[30] US (62/192,778) 2015-07-15

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[13] A1

[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**

[25] EN

[54] **MIXED REFRIGERANT SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE A FLUIDES FRIGORIGENES MIXTES**

[72] DUCOTE, DOUGLAS A., JR., US

[72] PODOLSKI, JAMES, US

[71] CHART ENERGY & CHEMICALS, INC., US

[85] 2018-01-08

[86] 2016-07-08 (PCT/US2016/041580)

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[30] US (62/190,069) 2015-07-08

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[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) H04M 1/725 (2006.01)**

[25] EN

[54] **SYSTEM, DEVICE AND METHOD OF DYNAMIC GLUCOSE PROFILE RESPONSE TO PHYSIOLOGICAL PARAMETERS**

[54] **SYSTEME, DISPOSITIF ET PROCEDE DE REPONSE DE PROFIL DE GLUCOSE DYNAMIQUE A DES PARAMETRES PHYSIOLOGIQUES**

[72] HAYTER, GARY ALAN, US

[72] CROUTHER, NATHAN CHRISTOPHER, US

[72] LOVE, MICHAEL, US

[72] BUDIMAN, ERWIN SATRYA, US

[72] BERNSTEIN, DANIEL MILFRED, US

[71] ABBOTT DIABETES CARE INC., US

[85] 2018-01-08

[86] 2016-07-08 (PCT/US2016/041632)

[87] (WO2017/011346)

[30] US (62/191,218) 2015-07-10

[30] US (62/307,346) 2016-03-11

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[13] A1
[51] Int.Cl. A61B 3/16 (2006.01)
[25] EN
[54] MEASUREMENT OF OCULAR
PARAMETERS USING
VIBRATIONS INDUCED IN THE
EYE
[54] MESURE DE PARAMETRES
OCULAIRES A L'AIDE DE
VIBRATIONS INDUITES DANS
L'OEIL
[72] BITOUN, PIERRE, FR
[71] ISONIC MEDICAL CORPORATION,
S.A.S., FR
[85] 2018-01-08
[86] 2015-07-13 (PCT/IB2015/055297)
[87] (WO2016/009334)
[30] US (62/025,761) 2014-07-17

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[13] A1
[51] Int.Cl. A47J 36/00 (2006.01) A47J
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[25] FR
[54] METHOD FOR CONTROLLING
COOKING TIME AND
ASSOCIATED COOKING
APPLIANCE
[54] PROCEDE DE COMMANDE DU
TEMPS DE CUISSON ET
APPAREIL DE CUISSON ASSOCIE
[72] DELRUE, OLIVIER, FR
[72] LETAIN, FRANCOIS, FR
[72] RETIF, FRANCOIS, FR
[72] PETIT, MICHEL, FR
[72] PETTALLOT, JOHANN, FR
[71] SEB S.A., FR
[85] 2018-01-08
[86] 2016-07-12 (PCT/FR2016/051801)
[87] (WO2017/013331)
[30] FR (1556906) 2015-07-21

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[51] Int.Cl. F01D 25/30 (2006.01) F01D
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F02C 7/18 (2006.01)
[25] FR
[54] TURBINE ENGINE EXHAUST
CASING WITH IMPROVED
LIFETIME
[54] CARTER D'ECHAPPEMENT
D'UNE TURBOMACHINE A
DUREE DE VIE AUGMENTEE
[72] JOUY, BAPTISTE MARIE AUBIN
PIERRE, FR
[72] PELLATON, BERTRAND
GUILLAUME ROBIN, FR
[72] PRESTEL, SEBASTIEN JEAN
LAURENT, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2018-01-08
[86] 2016-07-20 (PCT/FR2016/051870)
[87] (WO2017/013356)
[30] FR (1556893) 2015-07-21

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[13] A1
[51] Int.Cl. B25C 7/00 (2006.01) E04B 1/26
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[25] EN
[54] FASTENING AND ALIGNMENT
MEMBER
[54] ELEMENT DE FIXATION ET
D'ALIGNEMENT
[72] DOWNS, MICHAEL S., US
[72] LIN, JIN-JIE, US
[72] STAUFFER, TIMOTHY M., US
[72] MIELBRECIT, EMMET J., US
[72] MUHN, DUSTIN P., US
[71] SIMPSON STRONG-TIE COMPANY,
INC., US
[85] 2018-01-08
[86] 2016-07-11 (PCT/US2016/041807)
[87] (WO2017/008083)
[30] US (62/190,407) 2015-07-09

[21] 2,991,745
[13] A1
[51] Int.Cl. B01D 3/16 (2006.01)
[25] EN
[54] CONTACT TRAY WITH FIXED
VALVES FOR A MASS TRANSFER
COLUMN AND METHOD OF
FABRICATION
[54] PLATEAU DE CONTACT A
CLAPETS FIXES POUR COLONNE
DE TRANSFERT DE MASSE, ET
PROCEDE DE FABRICATION
[72] NIEUWOUDT, IZAK, US
[71] KOCH-GLITSCH, L.P., US
[85] 2018-01-05
[86] 2016-07-07 (PCT/US2016/041322)
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[30] US (62/190,034) 2015-07-08

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F04B 49/06 (2006.01)
[25] EN
[54] DOWNHOLE LINEAR MOTOR
AND PUMP SENSOR DATA
SYSTEM
[54] SYSTEME DE DONNEES DE
CAPTEUR DE MOTEUR
LINEAIRE ET DE POMPE DE
FOND DE TROU
[72] BELL, FRANK, US
[72] CARDAMONE, DAVID P., US
[72] SINGH, INDERJIT, US
[72] SANTACESARIA, MARK, US
[72] HALLORAN, DANIEL J., US
[72] ROBERTS, JONATHAN, US
[71] MOOG INC., US
[85] 2018-01-08
[86] 2016-06-29 (PCT/US2016/040078)
[87] (WO2017/007656)
[30] US (62/189,957) 2015-07-08

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[21] 2,991,752
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR SANITATION, DISINFECTION AND STERILIZATION**

[54] **PROCEDES ET DISPOSITIFS D'ASSAINISSEMENT, DE DESINFECTION ET DE STERILISATION**

[72] VASILENKO, VLADIMIR, CA

[71] VITABEAM LTD., US

[85] 2018-01-08

[86] 2016-07-14 (PCT/US2016/042183)

[87] (WO2017/011612)

[30] US (62/192,324) 2015-07-14

[21] 2,991,753
[13] A1

[51] **Int.Cl. E04B 9/14 (2006.01) E04B 9/12 (2006.01)**

[25] EN

[54] **INDEXED SUPPORT BAR**

[54] **BARRE SUPPORT INDEXEE**

[72] LEHANE, JAMES J., US

[72] UNDERKOFER, ABRAHAM M., US

[72] GULBRANDSEN, PEDER J., US

[71] USG INTERIORS, LLC, US

[85] 2018-01-08

[86] 2016-07-12 (PCT/US2016/041829)

[87] (WO2017/011426)

[30] US (14/800,905) 2015-07-16

[21] 2,991,754
[13] A1

[51] **Int.Cl. E01B 27/16 (2006.01)**

[25] EN

[54] **WORKHEAD ASSEMBLY FOR RAIL APPLICATIONS**

[54] **ENSEMBLE TETE PORTE-PIECE POUR APPLICATIONS FERROVIAIRES**

[72] VARGAS, VICTOR, US

[72] ALFORD, ROB, US

[72] SAMI, REZA, US

[71] HARSCO TECHNOLOGIES LLC, US

[85] 2018-01-08

[86] 2016-06-29 (PCT/US2016/040123)

[87] (WO2017/011187)

[30] US (62/191,156) 2015-07-10

[30] US (15/192,483) 2016-06-24

[21] 2,991,756
[13] A1

[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/68 (2006.01)**

[25] EN

[54] **FLEXIBLE BONE SCREW**

[54] **VIS A OS FLEXIBLE**

[72] FALLIN, T. WADE, US

[72] SINNOTT, M. MARY, US

[72] HOY, ROBERT W., US

[71] INTRAFUSE, LLC, US

[85] 2018-01-08

[86] 2016-07-06 (PCT/US2016/041162)

[87] (WO2017/011244)

[30] US (62/191,904) 2015-07-13

[30] US (62/238,780) 2015-10-08

[21] 2,991,762
[13] A1

[51] **Int.Cl. B05B 7/24 (2006.01)**

[25] EN

[54] **SPRAY GUN CUPS, RECEPTACLES, AND METHODS OF USE**

[54] **RESERVOIRS DE PISTOLET PULVERISATEUR, RECEPTACLES ET PROCEDES D'UTILISATION**

[72] HEGDAHL, ANNA M., US

[72] JOSEPH, STEPHEN C. P., US

[72] PITERA, DOMINIC M., US

[72] NYARIBO, ERIC O., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2018-01-08

[86] 2016-07-07 (PCT/US2016/041297)

[87] (WO2017/007911)

[30] US (62/189,954) 2015-07-08

[21] 2,991,764
[13] A1

[51] **Int.Cl. C08L 7/00 (2006.01) F16G 1/00 (2006.01)**

[25] EN

[54] **RUBBER COMPOSITION AND RUBBER PRODUCTS USING SAME**

[54] **COMPOSITION DE CAOUTCHOUC ET ARTICLES EN CAOUTCHOUC L'UTILISANT**

[72] FENG, YUDING, US

[72] WU, SHAWN XIANG, US

[71] GATES CORPORATION, US

[85] 2018-01-08

[86] 2016-07-07 (PCT/US2016/041328)

[87] (WO2017/011265)

[30] US (14/796,592) 2015-07-10

[21] 2,991,765
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 25/24 (2006.01)**

[25] EN

[54] **SUBSTITUTED 4-AZAINDOLES AND THEIR USE AS GLUN2B RECEPTOR MODULATORS**

[54] **4-AZAINDOLES SUBSTITUES ET LEUR UTILISATION COMME MODULATEURS DU RECEPTEUR DE GLUN2B**

[72] CHIROVIAN, CHRISTA C., US

[72] LETAVIC, MICHAEL A., US

[72] RECH, JASON C., US

[72] SOYODE-JOHNSON, AKINOLA, US

[72] WALL, JESSICA L., US

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2018-01-08

[86] 2016-07-07 (PCT/US2016/041339)

[87] (WO2017/007938)

[30] US (62/190,416) 2015-07-09

[21] 2,991,767
[13] A1

[51] **Int.Cl. A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHODS FOR THE TREATMENT OF BLEPHAROPTOSIS**

[54] **COMPOSITION ET METHODES POUR LE TRAITEMENT DE LA BLEPHAROPTOSE**

[72] BOSWORTH, CHARLES F., US

[72] HEMMATI, HOUMAN D., US

[72] HOLLANDER, DAVID A., US

[71] ALLERGAN, INC., US

[85] 2018-01-08

[86] 2016-07-07 (PCT/US2016/041367)

[87] (WO2017/011271)

[30] US (62/191,951) 2015-07-13

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[51] Int.Cl. A61K 36/79 (2006.01) A61K 36/282 (2006.01) A61K 36/886 (2006.01) A61K 45/00 (2006.01)
[25] EN
[54] COMPOSITIONS, METHODS, AND MEDICAL COMPOSITIONS FOR TREATMENT OF AND MAINTAINING THE HEALTH OF THE LIVER
[54] COMPOSITIONS, METHODES, ET COMPOSITIONS A USAGE MEDICAL DESTINEES A TRAITER LE FOIE ET A LE MAINTENIR EN BONNE SANTE
[72] JIA, QI, US
[72] YIMAM, MESFIN, US
[72] JIAO, PING, US
[72] HONG, MEI FENG, US
[72] MOORE, BREANNA, US
[71] UNIGEN, INC., US
[85] 2018-01-08
[86] 2016-07-12 (PCT/US2016/041926)
[87] (WO2017/011471)
[30] US (62/192,711) 2015-07-15
[30] US (15/208,075) 2016-07-12

[21] 2,991,769
[13] A1
[51] Int.Cl. C10M 159/20 (2006.01) C10M 159/24 (2006.01)
[25] EN
[54] LUBRICANTS WITH CALCIUM-CONTAINING DETERGENT AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION
[54] LUBRIFIANTS A BASE D'UN DETERGENT CONTENANT DU CALCIUM ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-01-08
[86] 2016-07-14 (PCT/US2016/042220)
[87] (WO2017/011633)
[30] US (62/193,297) 2015-07-16
[30] US (15/047,934) 2016-02-19
[30] US (15/147,317) 2016-05-05

[21] 2,991,770
[13] A1
[51] Int.Cl. C09K 8/592 (2006.01) E21B 43/00 (2006.01)
[25] EN
[54] THERMALLY UNSTABLE HYDROXYALKYL AMMONIUM CARBOXYLATES FOR ENHANCED OIL RECOVERY
[54] CARBOXYLATES D'AMMONIUM HYDROXYALKYLE THERMIQUEMENT INSTABLES POUR UNE RECUPERATION AMELIOREE DES HYDROCARBURES
[72] WILLIAMSON, ALLEXANDER, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-01-08
[86] 2016-07-08 (PCT/US2016/041425)
[87] (WO2017/011281)
[30] US (62/192,107) 2015-07-14

[21] 2,991,771
[13] A1
[51] Int.Cl. C09K 8/584 (2006.01) E21B 43/16 (2006.01)
[25] EN
[54] SMART WATER FLOODING PROCESSES FOR INCREASING HYDROCARBON RECOVERY
[54] PROCEDES INTELLIGENTS D'INJECTION D'EAU POUR UNE RECUPERATION ACCRUE D'HYDROCARBURES
[72] AL-YOUSEF, ALI, ABDULLAH, SA
[72] AYIRALA, SUBHASHI, CHANDRABOSE, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-01-08
[86] 2016-07-13 (PCT/US2016/042017)
[87] (WO2017/015014)
[30] US (62/193,951) 2015-07-17

[21] 2,991,778
[13] A1
[51] Int.Cl. E21B 49/08 (2006.01) G01N 21/25 (2006.01)
[25] EN
[54] CALIBRATION OF OPTICAL COMPUTING DEVICES USING TRACEABLE FILTERS
[54] ETALONNAGE DE DISPOSITIFS DE CALCUL OPTIQUES UTILISANT DES FILTRES TRACABLES
[72] DAI, BIN, US
[72] JONES, CHRISTOPHER, US
[72] GASCOOKE, DARREN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-08
[86] 2015-08-13 (PCT/US2015/045076)
[87] (WO2017/027040)

[21] 2,991,779
[13] A1
[51] Int.Cl. A61K 45/06 (2006.01) A61K 31/44 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)
[25] EN
[54] METHODS FOR TREATING CANCER USING APILIMOD
[54] METHODES DE TRAITEMENT DU CANCER AVEC DE D'APILIMOD
[72] LICHENSTEIN, HENRI, US
[72] ROTHBERG, JONATHAN M., US
[72] GAYLE, SOPHIA, US
[72] BEEHARRY, NEIL, US
[72] BECKETT, PAUL, US
[72] LANDRETTE, SEAN, US
[72] CONRAD, CHRIS, US
[72] XU, TIAN, US
[71] LAM THERAPEUTICS, INC., US
[85] 2018-01-08
[86] 2016-07-19 (PCT/US2016/042905)
[87] (WO2017/015262)
[30] US (62/194,367) 2015-07-20

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[13] A1

[51] **Int.Cl. C09K 8/03 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **SOL-GEL MODIFIED PARTICULATES FOR WELLBORE FLUIDS**
[54] **PARTICULES MODIFIEES PAR UN PROCEDE SOL-GEL POUR FLUIDES DE Puits DE FORAGE**
[72] TRIA, MARIA CELESTE
RELLAMAS, US
[72] SANTOS, CATHERINE MARTIN, US
[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-08
[86] 2015-08-26 (PCT/US2015/046997)
[87] (WO2017/034561)

[21] **2,991,781**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01) B01J 20/02 (2006.01)**
[25] EN
[54] **CARTRIDGES USEFUL IN CLEANING DIALYSIS SOLUTIONS**
[54] **CARTOUCHES UTILES POUR LE NETTOYAGE DE SOLUTIONS DE DIALYSE**
[72] MERCHANT, STEPHEN A., US
[71] FRESenius MEDICAL CARE HOLDINGS, INC., US
[85] 2018-01-08
[86] 2016-07-22 (PCT/US2016/043442)
[87] (WO2017/048358)
[30] US (62/219,369) 2015-09-16

[21] **2,991,782**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01)**
[25] EN
[54] **LUBRICANTS WITH MOLYBDENUM AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION**
[54] **LUBRIFIANTS CONTENANT DU MOLYBDENE ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE**
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-01-08
[86] 2016-07-14 (PCT/US2016/042328)
[87] (WO2017/011683)
[30] US (62/193,297) 2015-07-16
[30] US (15/053,617) 2016-02-25
[30] US (15/147,330) 2016-05-05

[21] **2,991,785**
[13] A1

[51] **Int.Cl. G06F 7/58 (2006.01)**
[25] EN
[54] **QUANTUM RANDOM NUMBER GENERATORS**
[54] **GENERATEURS QUANTIQUES DE NOMBRES ALEATOIRES**
[72] NORDHOLT, JANE ELIZABETH, US
[72] HUGHES, RICHARD JOHN, US
[72] NEWELL, RAYMOND THORSON, US
[72] PETERSON, CHARLES GLEN, US
[72] ROSIEWICZ, ALEXANDER, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[85] 2018-01-08
[86] 2016-07-22 (PCT/US2016/043561)
[87] (WO2017/019507)
[30] US (14/812,623) 2015-07-29

[21] **2,991,787**
[13] A1

[51] **Int.Cl. C10M 159/20 (2006.01) C10M 159/24 (2006.01)**
[25] EN
[54] **LUBRICANTS WITH MAGNESIUM AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION**
[54] **LUBRIFIANTS CONTENANT MAGNESIUM ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE**
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-01-08
[86] 2016-07-14 (PCT/US2016/042332)
[87] (WO2017/011687)
[30] US (62/193,297) 2015-07-16
[30] US (15/147,375) 2016-05-05

[21] **2,991,788**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01)**
[25] EN
[54] **LUBRICANTS WITH TITANIUM AND/OR TUNGSTEN AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION**
[54] **LUBRIFIANTS A BASE DE TITANE ET/OU DE TUNGSTENE ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE**
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-01-08
[86] 2016-07-14 (PCT/US2016/042334)
[87] (WO2017/011689)
[30] US (62/193,297) 2015-07-16
[30] US (15/147,464) 2016-05-05

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[13] A1
[51] Int.Cl. G01N 27/416 (2006.01) G01N 27/327 (2006.01)
[25] EN
[54] **SOLID-STATE ELECTRODES AND SENSORS HAVING REDOX ACTIVE SURFACE AREAS**
[54] **ELECTRODES A L'ETAT SOLIDE ET CAPTEURS COMPRENANT DES ZONES DE SURFACE ACTIVES REDOX**
[72] VU, THANG HUY, US
[72] KRISHNAMURTHY, JAI, US
[72] RAO, SRINIVAS, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2018-01-08
[86] 2016-07-29 (PCT/US2016/044907)
[87] (WO2017/020019)
[30] US (62/198,580) 2015-07-29

[21] 2,991,792
[13] A1
[51] Int.Cl. A61K 8/25 (2006.01) A61K 8/19 (2006.01) A61K 8/20 (2006.01) A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61K 8/891 (2006.01) A61Q 11/00 (2006.01)
[25] EN
[54] **ORAL CARE COMPOSITIONS CONTAINING AMPS POLYMERS, COPOLYMERS, OR CROSS POLYMERS**
[54] **COMPOSITIONS D'HYGIENE BUCCALE CONTENANT DES POLYMERES, DES COPOLYMERES OU DES POLYMERES RETICULES AMPS**
[72] MIDHA, SANJEEV, US
[72] HOKE, STEVE HAMILTON, US
[72] LUCAS, LAURA H., US
[72] DOLAN, LAWRENCE EDWARD, US
[72] LEBLANC, MICHAEL JUDE, US
[72] LEHNHOFF, KAREN, US
[72] SCHNEIDERMAN, EVA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-08
[86] 2016-07-15 (PCT/US2016/042384)
[87] (WO2017/019321)
[30] US (62/197,721) 2015-07-28

[21] 2,991,793
[13] A1
[51] Int.Cl. G06Q 40/04 (2012.01) G06Q 30/04 (2012.01) G06Q 50/06 (2012.01)
[25] EN
[54] **ENERGY COLLABORATION PLATFORM WITH MULTIPLE INFORMATION LEVEL MATCHING**
[54] **PLATE-FORME DE COLLABORATION ENERGETIQUE A MISE EN CORRESPONDANCE DE MULTIPLES NIVEAUX D'INFORMATIONS**
[72] WAGNER, JEFFREY K., US
[72] EGAN, MICHAEL E., US
[71] AQUILON ENERGY SERVICES, INC., US
[85] 2018-01-08
[86] 2016-08-02 (PCT/US2016/045115)
[87] (WO2017/023908)
[30] US (62/200,155) 2015-08-03

[21] 2,991,796
[13] A1
[51] Int.Cl. A61M 39/10 (2006.01) A61M 39/16 (2006.01)
[25] EN
[54] **CLOSED MALE LUER DEVICE FOR USE WITH NEEDLELESS ACCESS DEVICES**
[54] **DISPOSITIF LUER MALE FERME DESTINE A ETRE UTILISE AVEC DES DISPOSITIFS D'ACCES SANS AIGUILLE**
[72] MANSOUR, GEORGE M., US
[72] PARK, SOON, US
[72] YEH, JONATHAN, US
[71] CAREFUSION 303, INC., US
[85] 2018-01-05
[86] 2016-07-05 (PCT/US2016/040999)
[87] (WO2017/007769)
[30] US (14/795,727) 2015-07-09

[21] 2,991,797
[13] A1
[51] Int.Cl. F41A 21/06 (2006.01) F41A 21/08 (2006.01) F41A 21/48 (2006.01)
[25] EN
[54] **WEAPON BARREL MOUNTING**
[54] **LOGEMENT DE CANON D'ARME A FEU**
[72] SCHNEIDER, HUBERT, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2018-01-09
[86] 2016-07-05 (PCT/EP2016/065843)
[87] (WO2017/009110)
[30] DE (DE 10 2015 008 794.0) 2015-07-10

[21] 2,991,798
[13] A1
[51] Int.Cl. C12N 5/00 (2006.01) C12N 15/09 (2006.01)
[25] EN
[54] **METHODS FOR MODULATING PRODUCTION PROFILES OF RECOMBINANT PROTEINS**
[54] **PROCEDES DE MODULATION DE PROFILS DE PRODUCTION DE PROTEINES RECOMBINANTES**
[72] MUHR, ANAIS, FR
[72] BRUHLMANN, DAVID, CH
[72] JORDAN, MARTIN, CH
[72] BROLY, HERVE, CH
[72] STETTLER, MATTHIEU, CH
[71] ARES TRADING S.A., CH
[85] 2018-01-09
[86] 2016-07-07 (PCT/EP2016/066108)
[87] (WO2017/012883)
[30] EP (15177217.5) 2015-07-17

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[21] 2,991,799
[13] A1

[51] **Int.Cl.** C07K 16/46 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01)

[25] EN

[54] **DRUG-CONJUGATED BI-SPECIFIC ANTIGEN-BINDING CONSTRUCTS**

[54] **CONSTRUCTIONS BISPECIFIQUES DE LIAISON A UN ANTIGENE CONJUGUEES A UN MEDICAMENT**

[72] NG, GORDON YIU KON, CA

[72] PRESTA, LEONARD G., CA

[72] SPREITER VON KREUDENSTEIN, THOMAS, CA

[71] ZYMEWORKS INC., CA

[85] 2018-01-09

[86] 2016-07-15 (PCT/CA2016/050839)

[87] (WO2017/008169)

[30] US (62/193,056) 2015-07-15

[30] US (62/193,569) 2015-07-16

[21] 2,991,800
[13] A1

[51] **Int.Cl.** C12N 5/00 (2006.01) C12N 15/09 (2006.01)

[25] EN

[54] **METHODS FOR MODULATING PRODUCTION PROFILES OF RECOMBINANT PROTEINS**

[54] **PROCEDES DE MODULATION DE PROFILS DE PRODUCTION DE PROTEINES RECOMBINANTES**

[72] MUHR, ANAIS, FR

[72] BRUHLMANN, DAVID, CH

[72] JORDAN, MARTIN, CH

[72] BROY, HERVE, CH

[72] STETTLER, MATTHIEU, CH

[71] ARES TRADING S.A., CH

[85] 2018-01-09

[86] 2016-07-07 (PCT/EP2016/066147)

[87] (WO2017/012886)

[30] EP (15177224.1) 2015-07-17

[21] 2,991,801
[13] A1

[51] **Int.Cl.** B01J 37/08 (2006.01) B01J 21/02 (2006.01) B01J 21/10 (2006.01) B01J 23/70 (2006.01)

[25] EN

[54] **PROCESS FOR PRODUCING CATALYSTS FROM MINING RESIDUE AND CATALYSTS PRODUCED THEREFROM**

[54] **PROCEDE DE PREPARATION DE CATALYSEURS A PARTIR D'UN RESIDU MINIER ET CATALYSEURS PREPARES A PARTIR DE CELUI-CI**

[72] ABATZOGLOU, NICOLAS, CA

[72] CHAMOUMI, MOSTAFA, CA

[71] SOCPRA - SCIENCES ET GENIE S.E.C., CA

[85] 2018-01-09

[86] 2016-07-18 (PCT/CA2016/050844)

[87] (WO2017/011906)

[30] US (62/193,650) 2015-07-17

[21] 2,991,802
[13] A1

[51] **Int.Cl.** D01F 1/10 (2006.01) B33Y 70/00 (2015.01) B29C 67/00 (2017.01) D01F 8/04 (2006.01) D01F 8/16 (2006.01) D01F 6/66 (2006.01)

[25] EN

[54] **FILAMENTS BASED ON A COATED CORE MATERIAL**

[54] **FILAMENTS A BASE DE MATERIAU D'AME REVETU**

[72] VAN DER SCHAAF, PAUL, FR

[72] INDERBITZIN, BRUNO, FR

[72] HERMANT, MARIE-CLAIRE, DE

[72] SCHOEMER, MARTINA, DE

[71] BASF SE, DE

[85] 2018-01-09

[86] 2016-07-07 (PCT/EP2016/066187)

[87] (WO2017/009190)

[30] EP (15176686.2) 2015-07-14

[21] 2,991,804
[13] A1

[51] **Int.Cl.** C12N 15/62 (2006.01) C07K 1/22 (2006.01) C07K 14/47 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)

[25] EN

[54] **RECOVERIN AS A FUSION PROTEIN TAG TO IMPROVE EXPRESSION, SOLUBILITY AND PURIFICATION OF PROTEINS**

[54] **RECOVERINE UTILISEE COMME MARQUEUR DE PROTEINE HYBRIDE DESTINE A AMELIORER L'EXPRESSION, LA SOLUBILITE ET LA PURIFICATION DE PROTEINES**

[72] SALESSE, CHRISTIAN, CA

[72] CANTIN, LINE, CA

[71] UNIVERSITE LAVAL, CA

[85] 2018-01-09

[86] 2016-07-19 (PCT/CA2016/050849)

[87] (WO2017/011909)

[30] US (62/194,348) 2015-07-20

[21] 2,991,805
[13] A1

[51] **Int.Cl.** C07K 16/28 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] **AXL-SPECIFIC ANTIBODY-DRUG CONJUGATES FOR CANCER TREATMENT**

[54] **CONJUGUES ANTICORPS-MEDICAMENT SPECIFIQUES D'AXL POUR LE TRAITEMENT DU CANCER**

[72] BOSHUIZEN, JULIA, NL

[72] JACOBSEN, KIRSTINE, DK

[72] BREIJ, ESTHER, NL

[72] KOOPMAN, LOUISE, NL

[72] SATIJN, DAVID, NL

[72] VAN DEN BRINK, EDWARD, NL

[72] VERZIJL, DENNIS, NL

[72] DE JONG, ROB, NL

[72] VAN DIJKHUIZEN RADERSMA, RIEMKE, NL

[72] PEEPER, DANIEL, NL

[72] DITZEL, HENRIK JORN, DK

[72] PARREN, PAUL, NL

[71] GENMAB A/S, DK

[85] 2018-01-09

[86] 2016-07-08 (PCT/EP2016/066353)

[87] (WO2017/009258)

[30] EP (PCT/EP2015/065900) 2015-07-10

[30] US (62/278,283) 2016-01-13

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[21] 2,991,806
[13] A1
[51] Int.Cl. F04C 28/08 (2006.01) F04C 18/16 (2006.01)
[25] EN
[54] COMPRESSOR AND METHOD FOR CONTROLLING ITS ROTATIONAL RATE
[54] COMPRESSEUR ET PROCEDE DE COMMANDE DE SA VITESSE DE ROTATION
[72] KLAUS, FRANK GEORG, DE
[72] RHEINLANDER, NORBERT, DE
[71] GARDNER DENVER DEUTSCHLAND GMBH, DE
[85] 2018-01-09
[86] 2016-07-12 (PCT/EP2016/066469)
[87] (WO2017/009307)
[30] DE (10 2015 111 287.6) 2015-07-13

[21] 2,991,812
[13] A1
[51] Int.Cl. C07K 16/12 (2006.01) C07K 1/22 (2006.01) C07K 14/31 (2006.01)
[25] EN
[54] NOVEL IMMUNOGLOBULIN-BINDING PROTEINS AND THEIR USE IN AFFINITY PURIFICATION
[54] NOUVELLES PROTEINES DE LIAISON AUX IMMUNOGLOBULINES ET LEUR UTILISATION DANS LA PURIFICATION PAR AFFINITE
[72] HAUPTS, ULRICH, DE
[71] NAVIGO PROTEINS GMBH, DE
[85] 2018-01-09
[86] 2016-07-14 (PCT/EP2016/066774)
[87] (WO2017/009421)
[30] EP (15177056.7) 2015-07-16

[21] 2,991,814
[13] A1
[51] Int.Cl. C07K 16/32 (2006.01) C07K 14/47 (2006.01) C12N 15/62 (2006.01)
[25] EN
[54] HER2 BINDING PROTEINS BASED ON DI-UBIQUITIN MUTEINS
[54] PROTEINES DE LIAISON A HER2 A BASE DE DI-UBIQUITINE MUTEINES
[72] SETTELE, FLORIAN, DE
[72] ZWARG, MADLEN, DE
[72] GLOSER, MANJA, DE
[72] BOSSE-DOENECKE, EVA, DE
[72] FIEDLER, ERIK, DE
[72] HAUPTS, ULRICH, DE
[71] NAVIGO PROTEINS GMBH, DE
[85] 2018-01-09
[86] 2016-07-19 (PCT/EP2016/067207)
[87] (WO2017/013129)
[30] EP (EP15177548.3) 2015-07-20

[21] 2,991,815
[13] A1
[51] Int.Cl. C07K 16/32 (2006.01) C07K 14/47 (2006.01) C12N 15/62 (2006.01)
[25] EN
[54] NOVEL BINDING PROTEINS BASED ON DI-UBIQUITIN MUTEINS AND METHODS FOR GENERATION
[54] NOUVELLES PROTEINES DE LIAISON A BASE DE MUTEINES DE DI-UBIQUITINE ET PROCEDES DE PRODUCTION
[72] FIEDLER, ERIK, DE
[72] MEYSING, MAREN, DE
[71] NAVIGO PROTEINS GMBH, DE
[85] 2018-01-09
[86] 2016-07-19 (PCT/EP2016/067216)
[87] (WO2017/013136)
[30] EP (EP15177545.9) 2015-07-20

[21] 2,991,816
[13] A1
[51] Int.Cl. A23G 1/56 (2006.01) A23C 9/156 (2006.01) A23G 3/34 (2006.01) A23L 2/38 (2006.01)
[25] EN
[54] FAT-FREE READY-TO-DRINK BEVERAGES WITH IMPROVED TEXTURE BY CONTROLLED PROTEIN AGGREGATION
[54] BOISSONS PRETES A BOIRE SANS MATIERES GRASSES AYANT UNE TEXTURE AMELIOREE PAR AGREGATION CONTROLEE DES PROTEINES
[72] SHER, ALEXANDER A., US
[72] KAPCHIE, VIRGINIE, US
[72] PRABHAKAR, VIENA, US
[72] VAGHELA, MADANSINH NATHUSINH, US
[72] ROUSSET, PHILIPPE, US
[71] NESTEC S.A., CH
[85] 2018-01-09
[86] 2016-08-03 (PCT/EP2016/068504)
[87] (WO2017/021431)
[30] US (62/201,959) 2015-08-06

[21] 2,991,817
[13] A1
[51] Int.Cl. C12N 5/0789 (2010.01) A61K 35/12 (2015.01)
[25] EN
[54] USE OF DERMATOPONTIN FOR MAINTAINING HEMATOPOIETIC STEM AND/OR PROGENITOR CELLS IN CULTURE
[54] UTILISATION DE LA DERMATOPONTINE POUR MAINTENIR DES CELLULES PROGENITRICES ET/OU SOUCHES HEMATOPOIETIQUES EN CULTURE
[72] KOKKALIARIS, KONSTANTINOS, CH
[72] SCHROEDER, TIMM, CH
[71] HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH), DE
[71] EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH, CH
[85] 2018-01-09
[86] 2016-08-05 (PCT/EP2016/068790)
[87] (WO2017/021543)
[30] EP (15179829.5) 2015-08-05
[30] EP (16169597.8) 2016-05-13

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[21] 2,991,835
[13] A1

[51] Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01)

[25] EN

[54] METHOD FOR MEASURING A VAPOR PRECURSOR LEVEL IN A CARTOMIZER

[54] PROCEDE DE MESURE DE NIVEAU DE PRECURSEUR EN PHASE VAPEUR DANS UN CARTOMISEUR

[72] KEEN, JARRETT, US

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2018-01-09

[86] 2016-08-05 (PCT/EP2016/068814)

[87] (WO2017/021550)

[30] US (14/819,946) 2015-08-06

[21] 2,991,841
[13] A1

[51] Int.Cl. A61B 17/221 (2006.01) A61B 17/3205 (2006.01) A61B 18/18 (2006.01)

[25] EN

[54] ELECTROSURGICAL SNARE

[54] ANSE ELECTROCHIRURGICALE

[72] HANCOCK, CHRISTOPHER PAUL, GB

[72] WHITE, MALCOLM, GB

[72] MORRIS, STEVEN, GB

[72] GULLIFORD, CRAIG, GB

[72] SWAIN, SANDRA MAY BERNADETTE, GB

[72] CHAUDHRY, MOHAMMED SABIR, GB

[72] SAUNDERS, BRIAN, GB

[71] CREO MEDICAL LIMITED, GB

[85] 2018-01-09

[86] 2016-09-06 (PCT/EP2016/070990)

[87] (WO2017/042169)

[30] GB (1515828.0) 2015-09-07

[21] 2,991,847
[13] A1

[51] Int.Cl. G01N 21/00 (2006.01) A61M 5/00 (2006.01) G01F 1/00 (2006.01)

[25] EN

[54] COVER FOR LIQUID DELIVERY SYSTEM WITH INTEGRATED PLUNGER POSITION SENSING, AND CORRESPONDING METHOD

[54] COUVERCLE POUR SYSTEME DE DISTRIBUTION DE LIQUIDE A DETECTION DE POSITION DE PISTON INTEGREE, ET PROCEDE CORRESPONDANT

[72] SHIKALIM, AVRAHAM, IL

[71] PATIENTS PENDING LTD., GB

[85] 2018-01-09

[86] 2016-06-08 (PCT/IB2016/053374)

[87] (WO2017/009724)

[30] US (62/191,411) 2015-07-12

[30] US (62/325,470) 2016-04-21

[21] 2,991,912
[13] A1

[51] Int.Cl. C12Q 1/06 (2006.01) C12N 7/00 (2006.01) G01N 15/14 (2006.01) G01N 29/24 (2006.01)

[25] EN

[54] DETECTION OF BACTERIA USING BACTERIOPHAGE

[54] DETECTION DE BACTERIES AU MOYEN DE BACTERIOPHAGES

[72] KELLUM, JOHN ALSTON, US

[72] HEMPEL, JOHN D., US

[72] VIATOR, JOHN ANDREW, US

[72] EDGAR, ROBERT HUGH, US

[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US

[85] 2018-01-09

[86] 2016-07-29 (PCT/US2016/044621)

[87] (WO2017/023721)

[30] US (62/199,472) 2015-07-31

[21] 2,991,915
[13] A1

[51] Int.Cl. B28B 1/08 (2006.01) B28B 3/02 (2006.01) B28B 11/10 (2006.01) B28B 13/00 (2006.01)

[25] EN

[54] PRODUCTION PLANT FOR FORMING ENGINEERED COMPOSITE STONE SLABS

[54] USINE DE PRODUCTION POUR LA FORMATION DE DALLES DE PIERRE COMPOSITE ARTIFICIELLE

[72] BANUS, CHRISTOPHER T., US

[71] BANUS, CHRISTOPHER T., US

[85] 2018-01-09

[86] 2015-07-13 (PCT/US2015/040154)

[87] (WO2017/010984)

[21] 2,991,917
[13] A1

[51] Int.Cl. A61K 8/27 (2006.01) A61K 8/30 (2006.01) A61K 8/46 (2006.01) A61K 33/30 (2006.01) A61Q 11/00 (2006.01)

[25] EN

[54] ORAL CARE COMPOSITIONS

[54] COMPOSITIONS DE SOINS BUCCAUX

[72] KINSCHERF, KEVIN, US

[72] SCHAEFFER-KORBYLO, LYNDISAY, US

[72] SZEWCZYK, GREGORY, US

[72] MYERS, CARL, US

[72] TRIVEDI, HARSH, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2018-01-09

[86] 2015-07-17 (PCT/US2015/040927)

[87] (WO2017/014723)

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[13] A1
[51] Int.Cl. A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 33/12 (2016.01)
[25] EN
[54] NUTRITIONAL COMPOSITIONS CONTAINING PHOSPHATIDYLETHANOLAMIN E, SPHINGOMYELIN AND DOCOSAHEXAENOIC ACID
[54] COMPOSITIONS NUTRITIONNELLES CONTENANT DE LA PHOSPHATIDYLETHANOLAMIN E, DE LA SPHINGOMYELINE ET DE L'ACIDE DOCOSAHEXAENOIQUE
[72] KUANG, CHENZHONG, US
[72] HONDMANN, DIRK, US
[72] MCMAHON, ROBERT J., US
[72] XIAO, YAN, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2018-01-09
[86] 2016-06-13 (PCT/US2016/037218)
[87] (WO2017/011117)
[30] US (14/796,372) 2015-07-10

[21] 2,991,937
[13] A1
[51] Int.Cl. C07D 405/14 (2006.01) A61K 31/496 (2006.01) A61P 25/04 (2006.01) C07D 295/12 (2006.01) C07D 295/125 (2006.01) C07D 295/13 (2006.01) C07D 295/135 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 405/04 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01)
[25] EN
[54] SUBSTITUTED AMIDE DERIVATIVES HAVING MULTIMODAL ACTIVITY AGAINST PAIN
[54] DERIVES D'AMIDE SUBSTITUES AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR
[72] GARCIA-LOPEZ, MONICA, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] LLORENTE-FERNANDEZ, ANA VIRGINIA, ES
[72] GARRIGA-SANAHUJA, LOURDES, ES
[72] CHRISTMANN, UTE, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2018-01-10
[86] 2016-07-28 (PCT/EP2016/001310)
[87] (WO2017/016669)
[30] EP (15382390.1) 2015-07-29

[21] 2,991,938
[13] A1
[51] Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)
[25] EN
[54] SYSTEM AND METHODS FOR THE PRODUCTION OF LIQUEFIED NITROGEN GAS USING LIQUEFIED NATURAL GAS
[54] SYSTÈME ET PROCÉDES DESTINÉS À LA PRODUCTION D'AZOTE GAZEUX LIQUÉFIE AU MOYEN DE GAZ NATUREL LIQUÉFIE
[72] PIERE, FRITZ, JR., US
[72] GUPTA, PARAG A., US
[72] HUNTINGTON, RICHARD A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-01-09
[86] 2016-06-14 (PCT/US2016/037373)
[87] (WO2017/011122)
[30] US (62/191,130) 2015-07-10

[21] 2,991,940
[13] A1
[51] Int.Cl. F25J 3/08 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01)
[25] EN
[54] LIQUEFIED NATURAL GAS PRODUCTION SYSTEM AND METHOD WITH GREENHOUSE GAS REMOVAL
[54] SYSTÈME ET PROCÉDE DE PRODUCTION DE GAZ NATUREL LIQUÉFIE AVEC ÉLIMINATION DES GAZ À EFFET DE SERRE
[72] HUNTINGTON, RICHARD A., US
[72] GUPTA, PARAG A., US
[72] PIERRE, FRITZ, JR., US
[72] DENTON, ROBERT D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-01-09
[86] 2016-06-14 (PCT/US2016/037375)
[87] (WO2017/011123)
[30] US (62/192,654) 2015-07-15

[21] 2,991,941
[13] A1
[51] Int.Cl. F26B 3/28 (2006.01) B05D 3/02 (2006.01) B05D 3/06 (2006.01) B41F 23/04 (2006.01) B41J 11/00 (2006.01)
[25] EN
[54] MODULE-TYPE LED LAMP UNIT AND USE THEREOF
[54] UNITE DE RAYONNEMENT A LED DE CONCEPTION MODULAIRE ET UTILISATION DE LADITE UNITE
[72] MEYER, STEFAN, DE
[72] HECK, JOHANNA, DE
[72] DIETRICH, JORG, DE
[72] HOFMANN, MARKO, DE
[71] HERAEUS NOBELIGHT GMBH, DE
[85] 2018-01-10
[86] 2016-07-05 (PCT/EP2016/065777)
[87] (WO2017/009099)
[30] DE (10 2015 111 507.7) 2015-07-15
[30] DE (10 2016 102 279.9) 2016-02-10

[21] 2,991,942
[13] A1
[51] Int.Cl. B01J 19/00 (2006.01) B01J 19/24 (2006.01)
[25] EN
[54] MICROSTRUCTURE REACTOR FOR CARRYING OUT EXOTHERMIC HETEROGENOUSLY-CATALYSED REACTIONS WITH EFFICIENT EVAPORATIVE COOLING
[54] MICROREACTEUR STRUCTURE DESTINE A LA CONDUITE DE REACTIONS DE CATALYSE HETEROGENE EXOTHERMIQUES AVEC UN REFROIDISSEMENT PAR EVAPORATION EFFICACE
[72] PFEIFER, PETER, DE
[72] PIERMARTINI, PAOLO, DE
[72] WENKA, ACHIM, DE
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
[85] 2018-01-10
[86] 2016-07-15 (PCT/EP2016/066869)
[87] (WO2017/013003)
[30] DE (10 2015 111 614.6) 2015-07-17

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[21] 2,991,944
[13] A1

[51] Int.Cl. A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23L 33/19 (2016.01) A23L 33/20 (2016.01)

[25] EN

[54] **NUTRITIONAL COMPOSITIONS AND METHODS FOR PROMOTING COGNITIVE DEVELOPMENT**

[54] **COMPOSITIONS NUTRITIONNELLES ET PROCEDES POUR FAVORISER LE DEVELOPPEMENT COGNITIF**

[72] AO, ZIHUA, US

[72] BERSETH, CAROL LYNN, US

[72] COBB, PATRICIA, US

[72] GONZALEZ, JUAN M., US

[72] KAHN, JOHANNA, US

[72] LIU, BRYAN YANWEN, US

[72] LONDON, ELISHA, US

[72] NGUYEN, MINITHY, US

[72] RICHARDS, JAMES DAVID, US

[72] RUDOLPH, COLIN, US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2018-01-09

[86] 2016-06-16 (PCT/US2016/037772)

[87] (WO2017/011132)

[30] US (14/796,387) 2015-07-10

[21] 2,991,947
[13] A1

[51] Int.Cl. F23N 5/24 (2006.01) F23R 3/28 (2006.01)

[25] EN

[54] **INTELLIGENT CONTROL OF COMBUSTION WITH TIME SERIES AND BY-PASS FILTERS AND CORRESPONDING SYSTEM**

[54] **COMMANDE INTELLIGENTE DE COMBUSTION A SERIE TEMPORELLE ET FILTRES DE DERIVATION ET SYSTEME CORRESPONDANT**

[72] BULAT, GHENADIE, GB

[72] DOLMANSLEY, TIMOTHY, GB

[71] SIEMENS AKTIENGESellschaft, DE

[85] 2018-01-10

[86] 2016-07-28 (PCT/EP2016/068005)

[87] (WO2017/021268)

[30] EP (15179770.1) 2015-08-05

[21] 2,991,948
[13] A1

[51] Int.Cl. A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23L 33/19 (2016.01) A23L 33/20 (2016.01)

[25] EN

[54] **NUTRITIONAL COMPOSITIONS AND METHODS FOR PROMOTING COGNITIVE DEVELOPMENT**

[54] **COMPOSITIONS NUTRITIONNELLES ET PROCEDES POUR AMELIORER LE DEVELOPPEMENT COGNITIF**

[72] AO, ZIHUA, US

[72] BERSETH, CAROL LYNN, US

[72] COBB, PATRICIA, US

[72] GONZALEZ, JUAN M., US

[72] LONDON, ELISHA, US

[72] NGUYEN, MINITHY, US

[72] RICHARDS, JAMES DAVID, US

[72] RUDOLPH, COLIN, US

[72] ALVEY, JOHN D., US

[72] MALDONADO, YADILKA, US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2018-01-09

[86] 2016-06-16 (PCT/US2016/037774)

[87] (WO2017/011133)

[30] US (14/796,387) 2015-07-10

[30] US (14/882,795) 2015-10-14

[21] 2,991,949
[13] A1

[51] Int.Cl. A61B 5/20 (2006.01)

[25] EN

[54] **UROFLOWMETRY SYSTEMS, DEVICES, AND METHODS**

[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE MESURE DU DEBIT URINAIRE**

[72] SAGEDER, JOSEF, AT

[72] VERMEULEN, JIRI, BE

[71] MINZE NV, BE

[85] 2018-01-10

[86] 2016-08-26 (PCT/EP2016/070180)

[87] (WO2017/036952)

[30] EP (EP15182885.2) 2015-08-28

[21] 2,991,954
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/342 (2014.01) B42D 25/425 (2014.01) B42D 25/455 (2014.01)

[25] EN

[54] **METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES**

[54] **PROCEDES DE FABRICATION DE DOCUMENTS DE SECURITE ET DE DISPOSITIFS DE SECURITE**

[72] HOLMES, BRIAN WILLIAM, GB

[72] GODFREY, JOHN, GB

[72] CORNES, IAN, GB

[72] O'MALLEY, JOHN, GB

[72] COMMANDER, LAWRENCE GEORGE, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052081)

[87] (WO2017/009616)

[30] GB (1512118.9) 2015-07-10

[21] 2,991,955
[13] A1

[51] Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)

[25] EN

[54] **MEDICAL DRESSING INTERFACE DEVICES, SYSTEMS, AND METHODS**

[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'INTERFACE DE PANSEMENTS MEDICAUX**

[72] LOCKE, CHRISTOPHER BRIAN, GB

[72] ROBINSON, TIMOTHY MARK, GB

[71] KCI LICENSING, INC., US

[85] 2018-01-09

[86] 2016-06-30 (PCT/US2016/040509)

[87] (WO2017/011204)

[30] US (62/192,425) 2015-07-14

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[21] 2,991,956
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/342 (2014.01) B42D 25/351 (2014.01) B42D 25/378 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01)

[25] EN

[54] METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES

[54] PROCEDES DE FABRICATION DE DOCUMENTS DE SECURITE ET DE DISPOSITIFS DE SECURITE

[72] HOLMES, BRIAN WILLIAM, GB

[72] GODFREY, JOHN, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052082)

[87] (WO2017/009617)

[30] GB (1512118.9) 2015-07-10

[21] 2,991,957
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/342 (2014.01) B42D 25/351 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01)

[25] EN

[54] METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES

[54] PROCEDES DE FABRICATION DE DOCUMENTS ET DE DISPOSITIFS DE SECURITE

[72] LISTER, ADAM, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052083)

[87] (WO2017/009618)

[30] GB (1512118.9) 2015-07-10

[21] 2,991,958
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/342 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01) B42D 25/455 (2014.01) B42D 25/48 (2014.01)

[25] EN

[54] METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES

[54] PROCEDES DE FABRICATION DE DOCUMENTS DE SECURITE ET DE DISPOSITIFS DE SECURITE

[72] HOLMES, BRIAN WILLIAM, GB

[72] WHITEMAN, ROBERT, GB

[72] COMMANDER, LAWRENCE GEORGE, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052086)

[87] (WO2017/009621)

[30] GB (1512118.9) 2015-07-10

[21] 2,991,959
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/21 (2014.01) B42D 25/29 (2014.01) B42D 25/351 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01)

[25] EN

[54] SECURITY SUBSTRATES, SECURITY DEVICES AND METHODS OF MANUFACTURE THEREOF

[54] SUBSTRATS DE SECURITE, DISPOSITIFS DE SECURITE ET LEURS PROCEDES DE FABRICATION

[72] HOLMES, BRIAN WILLIAM, GB

[72] SUYAL, NAVIN, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052087)

[87] (WO2017/009622)

[30] GB (1512119.7) 2015-07-10

[21] 2,991,962
[13] A1

[51] Int.Cl. B42D 25/324 (2014.01) B42D 25/342 (2014.01) B42D 25/425 (2014.01) B42D 25/45 (2014.01) B42D 25/455 (2014.01) B42D 25/46 (2014.01) G02B 3/00 (2006.01)

[25] EN

[54] METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES

[54] PROCEDES DE FABRICATION DE DOCUMENTS DE SECURITE ET DE DISPOSITIFS DE SECURITE

[72] HOLMES, BRIAN WILLIAM, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2018-01-10

[86] 2016-07-11 (PCT/GB2016/052085)

[87] (WO2017/009620)

[30] GB (1512118.9) 2015-07-10

[21] 2,991,979
[13] A1

[51] Int.Cl. A47K 10/16 (2006.01) A47K 5/14 (2006.01) B05B 7/00 (2006.01)

[25] EN

[54] IMPROVED FOAMING CARTRIDGES, PUMPS, REFILL UNITS, AND FOAM DISPENSERS USING THE SAME

[54] CARTOUCHES A MOUSSAGE AMELIORE, POMPES, UNITES DE RECHARGE, ET DISTRIBUTEURS DE MOUSSE LES UTILISANT

[72] CIAVARELLA, NICK, US

[72] MARSHALL, AARON, US

[71] GOJO INDUSTRIES, INC., US

[85] 2018-01-09

[86] 2016-07-15 (PCT/US2016/042403)

[87] (WO2017/011719)

[30] US (62/192,837) 2015-07-15

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[21] **2,991,981**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **REDUCING SYSTEMIC REGULATORY T CELL LEVELS OR ACTIVITY FOR TREATMENT OF DISEASE AND INJURY OF THE CNS**

[54] **DIMINUTION DES NIVEAUX OU DE L'ACTIVITE SYSTEMIQUES DE CELLULES T REGULATRICES POUR LE TRAITEMENT DE MALADIES ET LESIONS DU SNC**

[72] EISENBACH-SCHWARTZ, MICHAEL, IL

[72] BARUCH, KUTI, IL

[72] ROSENZWEIG, NETA, IL

[71] YEDA RESEARCH AND DEVELOPMENT CO, LTD., IL

[85] 2018-01-10

[86] 2016-07-13 (PCT/IL2016/050750)

[87] (WO2017/009829)

[30] US (14/797,894) 2015-07-13

[21] **2,991,982**
[13] A1

[51] **Int.Cl. B08B 3/02 (2006.01) B08B 5/02 (2006.01)**

[25] EN

[54] **VAPOR BLAST SYSTEM WITH FIXED POT PRESSURE**

[54] **SYSTEME DE JET DE VAPEUR A PRESSION DE POT FIXE**

[72] STUDDT, NICHOLAS K., US

[72] GRAU, THOMAS C., US

[72] FALKENBERG, BRANDON K., US

[72] GAPINSKI, BRYCE J., US

[72] TURNER, JOHN W., US

[71] GRACO MINNESOTA INC., US

[85] 2018-01-09

[86] 2016-07-13 (PCT/US2016/042585)

[87] (WO2017/011780)

[30] US (62/193,235) 2015-07-16

[21] **2,991,990**
[13] A1

[51] **Int.Cl. A61K 35/747 (2015.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **MATERIALS AND METHODS FOR IMPROVING IMMUNE RESPONSES AND THE SKIN AND/OR MUCOSAL BARRIER FUNCTIONS**

[54] **MATERIELS ET METHODES POUR AMELIORER LES REPONSES IMMUNITAIRES ET LA FONCTION DE BARRIERE DE LA PEAU ET/OU DES MUQUEUSES**

[72] BERKES, EVA A., US

[72] MONSUL, NICHOLAS, T., US

[72] BOEHM, FREDERICK T., US

[71] QUORUM INNOVATIONS, LLC, US

[85] 2018-01-09

[86] 2016-07-19 (PCT/US2016/042939)

[87] (WO2017/015275)

[30] US (62/194,630) 2015-07-20

[21] **2,991,992**
[13] A1

[51] **Int.Cl. C11D 3/50 (2006.01) C11D 3/48 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **CONSUMER PRODUCTS HAVING AN ASEPSIS CONNOTATION**

[54] **PRODUITS DE CONSOMMATION PRESENTANT UNE CONNOTATION D'ASEPSIE**

[72] TRUJILLO, RAFAEL, US

[72] REYES, KATRINA SAN GABRIEL, SG

[72] HAMANO, JUNJI, SG

[72] ITO, HIROKI, SG

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2018-01-09

[86] 2016-07-20 (PCT/US2016/043038)

[87] (WO2017/015315)

[30] US (62/194,486) 2015-07-20

[21] **2,992,010**
[13] A1

[51] **Int.Cl. E05F 17/00 (2006.01) B64C 1/14 (2006.01) E05D 15/58 (2006.01)**

[25] EN

[54] **TELESCOPING AIRCRAFT PANEL DOOR**

[54] **PORTE A PANNEAUX TELESCOPIQUE D'AERONEF**

[72] CHRISTENSON, JUSTIN C., US

[72] LOAR, GRAYDON E., US

[71] B/E AEROSPACE, INC., US

[85] 2018-01-10

[86] 2015-07-08 (PCT/US2015/039598)

[87] (WO2016/007663)

[30] US (62/023,530) 2014-07-11

[30] US (14/754,620) 2015-06-29

[21] **2,992,011**
[13] A1

[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **NATURAL OIL-DERIVED WELLBORE COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DERIVEES D'HUILE NATURELLE POUR Puits DE FORAGE ET PROCEDES D'UTILISATION**

[72] LITTICH, RYAN, US

[72] COBURN, CHARLES, US

[71] ELEVANCE RENEWABLE SCIENCES, INC., US

[85] 2018-01-10

[86] 2015-07-13 (PCT/US2015/040137)

[87] (WO2017/010983)

[21] **2,992,013**
[13] A1

[51] **Int.Cl. E21B 47/008 (2012.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01) F04B 53/12 (2006.01) G01B 21/32 (2006.01) G01D 5/00 (2006.01)**

[25] EN

[54] **CRITICAL VALVE PERFORMANCE MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE DE PERFORMANCE CRITIQUE DE VANNE**

[72] BEISEL, JOSEPH A., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-10

[86] 2015-09-04 (PCT/US2015/048647)

[87] (WO2017/039698)

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[13] A1
[51] Int.Cl. E21B 47/008 (2012.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01) F04B 49/10 (2006.01) G01B 21/32 (2006.01) G01D 5/00 (2006.01)
[25] EN
[54] MONITORING SYSTEM FOR PRESSURE PUMP CAVITATION
[54] SYSTEME DE SURVEILLANCE POUR CAVITATION DE POMPE DE PRESSION
[72] BEISEL, JOSEPH A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-10
[86] 2015-09-04 (PCT/US2015/048696)
[87] (WO2017/039701)

[21] 2,992,019
[13] A1
[51] Int.Cl. H01M 10/54 (2006.01)
[25] EN
[54] A METHOD OF RECOVERING METALS FROM SPENT LI-ION BATTERIES
[54] PROCEDE DE RECUPERATION DE METAUX A PARTIR DE BATTERIES LI-ION EPUISEES
[72] GUPTA, NITIN, IN
[72] PRABAHARAN, G., IN
[72] BARIK, SMRUTI PRAKASH, IN
[72] KUMAR, BHUVNESH, IN
[71] ATTERO RECYCLING PVT. LTD., IN
[85] 2018-01-08
[86] 2016-06-27 (PCT/IN2016/053811)
[87] (WO2017/006209)
[30] IN (2048/DEL/2015) 2015-07-06

[21] 2,992,028
[13] A1
[51] Int.Cl. C05G 3/08 (2006.01) C05C 9/00 (2006.01) C05G 3/00 (2006.01) C07F 9/22 (2006.01)
[25] EN
[54] HIGHLY CONCENTRATED PHOSPHORIC OR THIOPHOSPHORIC TRIAMIDE FORMULATION
[54] FORMULATION HAUTEMENT CONCENTREE DE TRIAMIDE PHOSPHORIQUE OU THIOPHOSPHORIQUE
[72] BOBECK, DREW, US
[72] OWUSU-AIDOM, KWAME, US
[71] KOCH AGRONOMIC SERVICES, LLC, US
[85] 2018-01-08
[86] 2016-07-11 (PCT/US2016/041769)
[87] (WO2017/011397)
[30] US (62/191,838) 2015-07-13

[21] 2,992,031
[13] A1
[51] Int.Cl. A61F 13/551 (2006.01)
[25] EN
[54] PACKAGE OF ABSORBENT ARTICLES UTILIZING A SHAPED NONWOVEN
[54] EMBALLAGE D'ARTICLES ABSORBANTS UTILISANT UN NON-TISSE FORME
[72] WEISMAN, PAUL THOMAS, US
[72] ASHRAF, ARMAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-09
[86] 2016-07-28 (PCT/US2016/044349)
[87] (WO2017/023656)
[30] US (62/199,524) 2015-07-31

[21] 2,992,032
[13] A1
[51] Int.Cl. A61F 13/511 (2006.01) D04H 3/07 (2012.01) D04H 3/14 (2012.01) D04H 3/16 (2006.01)
[25] EN
[54] SHAPED NONWOVEN
[54] NONTISSE FORME
[72] ASHRAF, ARMAN, US
[72] MONEBRAKE, DAVID WESLEY, US
[72] RASCH, DAVID MARK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-09
[86] 2016-07-28 (PCT/US2016/044357)
[87] (WO2017/023658)
[30] US (62/199,646) 2015-07-31

[21] 2,992,033
[13] A1
[51] Int.Cl. C07D 211/46 (2006.01) A61K 31/445 (2006.01) A61P 35/00 (2006.01) C07D 211/74 (2006.01)
[25] EN
[54] FUCOSIDASE INHIBITORS
[54] INHIBITEURS DE FUCOSIDASE
[72] ZANKEL, TODD C., US
[72] ISBELL, SARA LOUISE, US
[72] KO, AMANDA ANNE, US
[71] HORIZON ORPHAN LLC, US
[85] 2018-01-09
[86] 2016-07-29 (PCT/US2016/044607)
[87] (WO2017/019925)
[30] US (62/199,194) 2015-07-30

[21] 2,992,034
[13] A1
[51] Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01)
[25] EN
[54] BIOLOGICAL FLUID COLLECTION DEVICE
[54] DISPOSITIF DE COLLECTE DE FLUIDE BIOLOGIQUE
[72] WILKINSON, BRADLEY M., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-01-09
[86] 2016-08-04 (PCT/US2016/045515)
[87] (WO2017/024117)
[30] US (62/201,776) 2015-08-06

[21] 2,992,041
[13] A1
[51] Int.Cl. G21G 1/02 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR HARVESTING OF ACTIVATED IRRADIATION TARGETS FROM A NUCLEAR REACTOR AND RADIONUCLIDE GENERATION SYSTEM
[54] SYSTEME ET PROCEDE DE RECOLTE DE CIBLES D'IRRADIATION ACTIVEES A PARTIR D'UN REACTEUR NUCLEAIRE ET SYSTEME DE GENERATION DE RADIONUCLEIDES
[72] RICHTER, THOMAS FABIAN, DE
[72] SYKORA, ALEXANDER, DE
[72] KANNWISCHER, WILFRIED, DE
[72] JAAFAR, LEILA, DE
[71] NEW NP GMBH, DE
[85] 2018-01-09
[86] 2015-07-21 (PCT/EP2015/066670)
[87] (WO2017/012655)

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[21] **2,992,043**
[13] A1

[51] **Int.Cl. C07D 311/04 (2006.01) C07D 311/80 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF CANNABIDIOL AND DELTA-9-TETRAHYDROCANNABINOL**

[54] **PROCEDE POUR LA PRODUCTION DE CANNABIDIOL ET DE DELTA-9-TETRAHYDROCANNABINOL**

[72] DIALER, LUKAS, CH

[72] PETROVIC, DENIS, CH

[72] WEIGL, ULRICH, CH

[71] NORAMCO, INC., US

[85] 2018-01-09

[86] 2016-07-01 (PCT/US2016/040635)

[87] (WO2017/011210)

[30] US (62/191,097) 2015-07-10

[30] US (15/199,528) 2016-06-30

[21] **2,992,045**
[13] A1

[51] **Int.Cl. G01D 5/347 (2006.01) B66C 13/46 (2006.01) G06K 7/12 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR RELIABLY DETERMINING THE POSITION OF AN OBJECT**

[54] **APPAREIL ET PROCEDE POUR DETERMINER DE MANIERE FIABLE LA POSITION D'UN OBJET**

[72] KIRSCH, MARTIN, DE

[71] PEPPERL+FUCHS GMBH, DE

[85] 2018-01-09

[86] 2015-09-15 (PCT/EP2015/071086)

[87] (WO2017/045704)

[21] **2,992,050**
[13] A1

[51] **Int.Cl. C08F 212/08 (2006.01) C08F 222/12 (2006.01) C10M 145/16 (2006.01)**

[25] EN

[54] **USE OF POLYMERIC ADDITIVES FOR PARAFFIN-CONTAINING FLUIDS**

[54] **UTILISATION D'ADDITIFS POLYMERES POUR DES FLUIDES CONTENANT DE LA PARAFFINE**

[72] HERZOG, OLIVER, DE

[72] SCHERF, SABINE, DE

[72] RUFFMANN, MICHAEL, DE

[72] BREUER, WOLFGANG, DE

[71] SASOL PERFORMANCE CHEMICALS GMBH, DE

[85] 2018-01-10

[86] 2016-07-22 (PCT/EP2016/001276)

[87] (WO2017/012716)

[30] EP (15178148.1) 2015-07-23

[21] **2,992,054**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/40 (2006.01) A61K 31/4439 (2006.01) A61P 25/04 (2006.01) C07D 211/56 (2006.01)**

[25] EN

[54] **AMIDE DERIVATIVES HAVING MULTIMODAL ACTIVITY AGAINST PAIN**

[54] **DERIVES D'AMIDE SUBSTITUES AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR**

[72] GARCIA-LOPEZ, MONICA, ES

[72] ALMANSA-ROSALES, CARMEN, ES

[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES

[85] 2018-01-10

[86] 2016-07-28 (PCT/EP2016/001309)

[87] (WO2017/016668)

[30] EP (15382391.9) 2015-07-29

[21] **2,992,061**
[13] A1

[51] **Int.Cl. C07C 43/21 (2006.01) C07C 43/23 (2006.01) C07C 49/84 (2006.01) C07C 317/22 (2006.01) C07D 239/52 (2006.01) C08F 222/40 (2006.01) C08G 65/34 (2006.01)**

[25] EN

[54] **[(2-ETHOXY-5-TRANS-1-PROPEN-1-YL)-PHENOXYL]-TERMINATED COMPOUNDS**

[54] **COMPOSES A TERMINAISON [(2-ETHOXY-5-TRANS-1-PROPEN-1-YL)-PHENOXYLE]**

[72] EVSYUKOV, SERGEY, DE

[72] POHLMANN, TIM, DE

[72] STENZENBERGER, HORST, DE

[72] TER WIEL, MATTHIJS, DE

[71] EVONIK TECHNOCHEMIE GMBH, DE

[85] 2018-01-10

[86] 2016-09-02 (PCT/EP2016/070675)

[87] (WO2017/045931)

[30] EP (15185457.7) 2015-09-16

[21] **2,992,062**
[13] A1

[51] **Int.Cl. G01N 30/08 (2006.01)**

[25] EN

[54] **MICROFLUIDIC DEVICE**

[54] **DISPOSITIF MICROFLUIDIQUE**

[72] OP DE BEECK, JEFF, BE

[72] JACOBS, PAUL, BE

[72] DE MALSCHE, WIM, BE

[71] PHARMAFLUIDICS NV, BE

[85] 2018-01-09

[86] 2016-07-12 (PCT/EP2016/066461)

[87] (WO2017/009304)

[30] BE (2015/5441) 2015-07-12

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[13] A1
[51] Int.Cl. C07C 43/285 (2006.01) C08F 222/40 (2006.01) C08G 73/12 (2006.01)
[25] EN
[54] ALKENYLPHENOXY-SUBSTITUTED 1,1-DIPHENYLETHYLENES, PROCESSES FOR THEIR PREPARATION, AND THEIR USE
[54] 1,1-DIPHENYLETHYLENES SUBSTITUES PAR UN ALCENYLPHENOXY, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION
[72] EVSYUKOV, SERGEY, DE
[72] POHLMANN, TIM, DE
[72] STENZENBERGER, HORST, DE
[72] TER WIEL, MATTHIJS, DE
[71] EVONIK TECHNOLOGIE GMBH, DE
[85] 2018-01-10
[86] 2016-09-02 (PCT/EP2016/070687)
[87] (WO2017/045932)
[30] EP (15185476.7) 2015-09-16

[21] 2,992,068
[13] A1
[51] Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01)
[25] FR
[54] HIGH-PRESSURE DISTRIBUTOR BLADING HAVING A VARIABLE-GEOMETRY INSERT
[54] AUBAGE DE DISTRIBUTEUR HAUTE PRESSION AVEC UN INSERT A GEOMETRIE VARIABLE
[72] PARDO, FREDERIC PHILIPPE JEAN-JACQUES, FR
[72] VERRON, GUILHEM, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2018-01-10
[86] 2016-07-20 (PCT/FR2016/051866)
[87] (WO2017/013354)
[30] FR (1556860) 2015-07-20

[21] 2,992,082
[13] A1
[51] Int.Cl. C07D 487/04 (2006.01)
[25] EN
[54] METHODS OF PREPARING CYTOTOXIC BENZODIAZEPINE DERIVATIVES
[54] PROCEDES DE PREPARATION DE DERIVES DE BENZODIAZEPINE CYTOTOXIQUES
[72] GERARD, BAUDOUIN, US
[72] SHIZUKA, MANAMI, US
[72] MILLER, MICHAEL LOUIS, US
[72] SILVA, RICHARD A., US
[71] IMMUNOGEN, INC., US
[85] 2018-01-09
[86] 2016-07-21 (PCT/US2016/043406)
[87] (WO2017/015496)
[30] US (62/195,023) 2015-07-21
[30] US (62/327,973) 2016-04-26

[21] 2,992,091
[13] A1
[51] Int.Cl. A61K 39/395 (2006.01) A61K 31/00 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR TREATING CANCER
[54] COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER
[72] VAN VLERKEN-YSLA, LILIAN EMILIA, US
[72] HURT, ELAINE MARIE, US
[71] MEDIMMUNE, LLC, US
[85] 2018-01-10
[86] 2016-07-13 (PCT/US2016/042100)
[87] (WO2017/011559)
[30] US (62/192,204) 2015-07-14

[21] 2,992,096
[13] A1
[51] Int.Cl. C12P 21/02 (2006.01) C12N 5/00 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR IMPROVED TRANSIENT PROTEIN EXPRESSION IN CHO CELLS
[54] SYSTEME ET PROCEDE POUR UNE MEILLEURE EXPRESSION DE PROTEINES TRANSITOIRES DANS DES CELLULES CHO
[72] ZMUDA, JONATHAN, US
[72] LIU, CHAO YAN, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2018-01-10
[86] 2016-07-13 (PCT/US2016/042166)
[87] (WO2017/011598)
[30] US (62/191,969) 2015-07-13

[21] 2,992,107
[13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A61K 8/67 (2006.01) A61K 9/12 (2006.01)
[25] EN
[54] TOPICAL RETINOID COMPOSITIONS
[54] COMPOSITIONS DE RETINOIDES POUR LA VOIE TOPIQUE
[72] KANDAVILLI, SATEESH, US
[72] BANKAR, MANISH M., IN
[72] DOLAI, SUJIT KUMAR, IN
[72] OKUMU, FRANKLIN, US
[71] DR. REDDY'S LABORATORIES LTD., IN
[85] 2018-01-10
[86] 2016-07-13 (PCT/US2016/042168)
[87] (WO2017/011600)
[30] US (62/191,937) 2015-07-13

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[13] A1
[51] Int.Cl. B32B 7/12 (2006.01) B32B 27/08 (2006.01) B32B 27/36 (2006.01) B32B 37/12 (2006.01) B65D 65/40 (2006.01)
[25] FR
[54] MULTILAYER FILM FOR RECLOSABLE PET PACKAGING
[54] FILM MULTICOUCHE POUR EMBALLAGE REFERMABLE EN PET
[72] ROBERT, CHRISTOPHE, FR
[72] BRESTAZ, MARC, FR
[72] SALLET, LUDOVIC, FR
[72] PEYRAS-CARRATTE, JEREMIE, FR
[71] BOSTIK SA, FR
[85] 2018-01-11
[86] 2016-07-12 (PCT/FR2016/051796)
[87] (WO2017/013330)
[30] FR (15.56805) 2015-07-17

[21] 2,992,110
[13] A1
[51] Int.Cl. B01J 21/06 (2006.01) B01J 32/00 (2006.01) B01J 35/02 (2006.01) B01J 35/10 (2006.01) B01J 37/00 (2006.01) B01J 37/08 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01)
[25] EN
[54] EXTRUDED TITANIA-BASED MATERIAL COMPRISING ZIRCONIUM OXIDE
[54] MATERIAU A BASE DE TITANE EXTRUDE COMPRENANT DE L'OXYDE DE ZIRCONIUM
[72] FERGUSON, EWEN JAMES, GB
[72] PATERSON, ALEXANDER JAMES, GB
[72] ZHANG, ZHAORONG, US
[71] BP P.L.C., GB
[85] 2018-01-11
[86] 2016-07-14 (PCT/EP2016/066800)
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[30] US (62/192,312) 2015-07-14

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[13] A1
[51] Int.Cl. C11D 3/00 (2006.01) C11D 3/20 (2006.01) C11D 3/33 (2006.01) C11D 3/43 (2006.01)
[25] EN
[54] GLYCOL ETHER SOLVENTS IN LIQUID CLEANING COMPOSITIONS TO REMOVE STAINS FROM SURFACES
[54] SOLVANTS A BASE D'ETHER DE GLYCOL DANS DES COMPOSITIONS NETTOYANTES LIQUIDES POUR ELIMINER DES TACHES DE SURFACES
[72] DKIDAK, AICHA, BE
[72] GONZALES, DENIS ALFRED, BE
[72] IERMIE, MARINA JOZEFA, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] TINLIN, JAMES ROBERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-01-10
[86] 2016-07-05 (PCT/US2016/040932)
[87] (WO2017/011216)
[30] EP (15176529.4) 2015-07-13

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[51] Int.Cl. A01N 25/30 (2006.01) A01N 25/02 (2006.01) A01N 31/02 (2006.01) A01N 59/00 (2006.01)
[25] EN
[54] AGRICULTURAL ADJUVANT COMPOSITIONS OF OIL/SURFACTANT/SALT EMULSIONS AND METHODS FOR USE
[54] COMPOSITIONS D'ADJUVANT AGRICOLE D'EMULSIONS D'HUILE/TENSIOACTIF/SEL ET PROCEDES D'UTILISATION
[72] VERNAY, CLARA, FR
[72] GOYAL, RAJESH, IN
[72] RAMOS, LAURENCE, FR
[72] LIGOURE, CHRISTIAN, FR
[72] CASTAING, JEAN-CHRISTOPHE, FR
[71] RHODIA OPERATIONS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[85] 2018-01-10
[86] 2016-07-14 (PCT/US2016/042268)
[87] (WO2017/011651)
[30] US (62/192,127) 2015-07-14

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[51] Int.Cl. C25B 1/08 (2006.01) H01M 8/0247 (2016.01) H01M 8/04014 (2016.01) H01M 8/04701 (2016.01) H01M 8/2425 (2016.01) C25B 1/00 (2006.01) C25B 9/20 (2006.01) C25B 15/02 (2006.01)
[25] FR
[54] METHODS FOR (CO)ELECTROLYSIS OF WATER (SOEC) OR FOR PRODUCING ELECTRICITY AT A HIGH TEMPERATURE WITH EXCHANGERS INCORPORATED AS STAGES OF A REACTOR STACK (HTE) OR A FUEL CELL (SOFC)
[54] PROCEDES D' (DE CO) ELECTROLYSE DE L'EAU (SOEC) OU DE PRODUCTION D'ELECTRICITE A HAUTE TEMPERATURE A ECHANGEURS INTEGRES EN TANT QU'ETAGES D'UN EMPILEMENT DE REACTEUR (EHT) OU D'UNE PILE A COMBUSTIBLE (SOFC)
[72] REYTIER, MAGALI, FR
[72] SZYNAL, PHILIPPE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-01-11
[86] 2016-07-08 (PCT/EP2016/066304)
[87] (WO2017/009238)
[30] FR (15 56727) 2015-07-16

[21] 2,992,132
[13] A1
[51] Int.Cl. B65H 3/08 (2006.01)
[25] EN
[54] METHOD FOR UNSTACKING VENEER SHEETS
[54] PROCEDE POUR RETIRER DES FEUILLES DE PLACAGE D'UNE PILE
[72] HANSES, JOSEF, DE
[71] HANSES SAGEWERKSTECHNIK GMBH & CO. KG, DE
[85] 2018-01-11
[86] 2016-07-11 (PCT/EP2016/066417)
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[51] Int.Cl. C11D 3/20 (2006.01) C11D 3/43 (2006.01) C11D 17/04 (2006.01)

[25] EN

[54] **CLEANING PRODUCT**
[54] **PRODUIT DE NETTOYAGE**

[72] BOERS, WESLEY YVONNE PIETER, BE

[72] VANCAMPENHOUT, PETER, BE

[72] GONZALES, DENIS ALFRED, BE

[72] DKIDAK, AICHA, BE

[72] BETTIOL, JEAN-LUC PHILIPPE, BE

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2018-01-10

[86] 2016-07-05 (PCT/US2016/040937)

[87] (WO2017/01217)

[30] EP (15176531.0) 2015-07-13

[21] 2,992,148
[13] A1

[51] Int.Cl. C12N 1/12 (2006.01) C12P 21/00 (2006.01)

[25] FR

[54] **PROTEIN-RICH BIOMASS OF THRAUSTOCHYTRIDS, CULTURING METHOD, AND USES**

[54] **BIOMASSE DE THRAUSTOCHYTRIDES RICHE EN PROTEINES, PROCEDE DE CULTURE ET UTILISATIONS**

[72] CAGNAC, OLIVIER, FR

[72] ROLS, CYRIL, FR

[72] PAGLIARDINI, JULIEN, FR

[72] CALLEJA, PIERRE, FR

[72] GADY, CECILLE, FR

[72] VANDEPLAS, SABRINA, FR

[71] FERMENTALG, FR

[71] ADISSEO FRANCE SAS, FR

[85] 2018-01-11

[86] 2016-07-13 (PCT/EP2016/066590)

[87] (WO2017/012931)

[30] FR (1556791) 2015-07-17

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[51] Int.Cl. C12N 1/12 (2006.01) C12P 21/00 (2006.01)

[25] FR

[54] **THRAUSTOCHYTRID BIOMASS ENRICHED WITH OILS AND PROTEINS, CULTURING METHOD, AND USES**

[54] **BIOMASSE DE THRAUSTOCHYTRIDES ENRICHEE EN HUILES ET EN PROTEINES, PROCEDE DE CULTURE ET UTILISATIONS**

[72] CAGNAC, OLIVIER, FR

[72] PAGLIARDINI, JULIEN, FR

[72] CALLEJA, PIERRE, FR

[72] LEPENDRIE, ADELINE, FR

[71] FERMENTALG, FR

[85] 2018-01-11

[86] 2016-07-13 (PCT/EP2016/066594)

[87] (WO2017/012933)

[30] FR (FR1556792) 2015-07-17

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[51] Int.Cl. C10M 105/38 (2006.01)

[25] EN

[54] **LUBRICATING MIXTURE HAVING GLYCERIDES**

[54] **MELANGE A ACTION LUBRIFIANTE CONTENANT DES GLYCERIDES**

[72] EISNER, PETER, DE

[72] HERFELLNER, THOMAS, DE

[72] STABLER, ANDREAS, DE

[72] MALBERG, ANDREAS, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2018-01-11

[86] 2016-08-16 (PCT/EP2016/069395)

[87] (WO2017/036785)

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[13] A1

[51] Int.Cl. B64D 29/06 (2006.01)

[25] EN

[54] **PRESSURE RELIEF LATCH**

[54] **LOQUET DETENDEUR DE PRESSION**

[72] DO, THAI, US

[71] ARCONIC INC., US

[85] 2018-01-10

[86] 2016-07-29 (PCT/US2016/044811)

[87] (WO2017/023788)

[30] US (62/200,971) 2015-08-04

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[25] EN

[54] **EXTRUDED TITANIA-BASED MATERIAL COMPRISING MESOPORES AND MACROPORES**

[54] **MATERIAU A BASE DE DIOXYDE DE TITANE EXTRUDE COMPORTANT DES MESOPORES ET DES MACROPORES**

[72] FERGUSON, EWEN JAMES, GB

[72] PATTERSON, ALEXANDER JAMES, GB

[72] ZHANG, ZHAORONG, US

[71] BP P.L.C., GB

[85] 2018-01-11

[86] 2016-07-14 (PCT/EP2016/066797)

[87] (WO2017/009427)

[30] US (62/192,327) 2015-07-14

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[13] A1

[51] Int.Cl. C07K 14/005 (2006.01) C12N 7/00 (2006.01)

[25] EN

[54] **NEW SPECIES OF TOBAMOVIRUS**

[54] **NOUVELLE ESPECE DE TOBAMOVIRUS**

[72] GERAATS, BART, NL

[72] MAMMELLA, MARCO, IT

[72] TURINA, MASSIMO, IT

[72] CIUFFO, MARINA, IT

[71] NUNHEMS B.V., NL

[85] 2018-01-11

[86] 2016-07-13 (PCT/EP2016/066643)

[87] (WO2017/012951)

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- [25] EN
- [54] EXTRUDED TITANIA-BASED MATERIALS COMPRISING QUATERNARY AMMONIUM COMPOUNDS AND/OR PREPARED USING QUATERNARY AMMONIUM COMPOUNDS
- [54] MATERIAUX A BASE DE DIOXYDE DE TITANE EXTRUDES COMPRENANT DES COMPOSES D'AMMONIUM QUATERNAIRE ET/OU PREPARES AU MOYEN DE COMPOSES D'AMMONIUM QUATERNAIRE
- [72] FERGUSON, EWEN JAMES, GB
- [72] PATERSON, ALEXANDER JAMES, GB
- [72] ZHANG, ZHAORONG, US
- [71] BP P.L.C., GB
- [85] 2018-01-11
- [86] 2016-07-14 (PCT/EP2016/066805)
- [87] (WO2017/009432)
- [30] US (62/192,360) 2015-07-14

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- [25] EN
- [54] DUCK ENTERITIS VIRUS AND THE USES THEREOF
- [54] VIRUS DE LA PESTE DU CANARD ET SES UTILISATIONS
- [72] YUKARI, SAEKI, JP
- [72] SATOH, SHUJI, JP
- [71] CEVA SANTE ANIMALE, FR
- [85] 2017-12-21
- [86] 2016-06-29 (PCT/EP2016/065132)
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- [30] EP (EP15174515.5) 2015-06-30

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- [25] EN
- [54] EXTRUDED TITANIA-BASED MATERIALS COMPRISING ONE OR MORE ACIDS OR PREPARED USING ONE OR MORE ACIDS
- [54] MATERIAUX A BASE DE DIOXYDE DE TITANE EXTRUDES COMPRENANT UN OU PLUSIEURS ACIDES OU PREPARES AU MOYEN D'UN OU DE PLUSIEURS ACIDES
- [72] FERGUSON, EWEN JAMES, GB
- [72] PATERSON, ALEXANDER JAMES, GB
- [72] ZHANG, ZHAORONG, US
- [71] BP P.L.C., GB
- [85] 2018-01-11
- [86] 2016-07-14 (PCT/EP2016/066807)
- [87] (WO2017/009434)
- [30] US (62/192,342) 2015-07-14

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- [25] EN
- [54] FITTING TOOL FOR A BRAKE RETAINING CLIP WITH A SECURING ARRANGEMENT OF A DISK BRAKE, DISK BRAKE, AND BRAKE PAD SET
- [54] OUTIL DE MONTAGE D'UN ETRIER DE RETENUE DE PLAQUETTE DE FREIN MUNI D'UN DISPOSITIF DE FIXATION D'UN FREIN A DISQUE, FREIN A DISQUE ET JEU DE PLAQUETTES DE FREIN
- [72] KRAUSE, OLIVER, DE
- [72] KLINGNER, MATTHIAS, DE
- [72] PESCHER, MICHAEL, DE
- [72] SCHOFFBERGER, TOBIAS, DE
- [71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
- [85] 2018-01-11
- [86] 2016-07-15 (PCT/EP2016/066851)
- [87] (WO2017/013001)
- [30] DE (10 2015 111 847.5) 2015-07-22

- [21] 2,992,161
[13] A1
- [51] Int.Cl. A61K 31/138 (2006.01) A61K 31/495 (2006.01) A61P 21/06 (2006.01)
- [25] EN
- [54] 5-HYDROXYTRYPTAMINE 1B RECEPTOR-STIMULATING AGENT FOR USE AS A PROMOTER OF SATELLITE CELLS SELF-RENEWAL AND/OR DIFFERENTIATION
- [54] AGENT DE STIMULATION DU RECEPTEUR 1B DE LA 5-HYDROXYTRYPTAMINE DESTINE A ETRE UTILISE COMME PROMOTEUR DE L'AUTORENOUVELLEMENT ET/OU DE LA DIFFERENCIATION DES CELLULES SATELLITES
- [72] CHRETIEN, FABRICE BRUNO, FR
- [72] GAILLARD, RAPHAEL, FR
- [72] ROCHETEAU, PIERRE, FR
- [72] MIR, OLIVIER, FR
- [71] INSTITUT PASTEUR, FR
- [71] UNIVERSITE PARIS DESCARTES, FR
- [71] CENTRE HOSPITALIER SAINTE ANNE PARIS, FR
- [71] INSTITUT GUSTAVE-ROUSSY, FR
- [85] 2018-01-11
- [86] 2016-07-15 (PCT/EP2016/066948)
- [87] (WO2017/013031)
- [30] US (62/193,714) 2015-07-17
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- [25] EN
- [54] **USE OF AMITRIPTYLINE FOR BLOCKING BRAIN HEMICHANNELS AND METHOD FOR POTENTIATING ITS EFFECT IN VIVO**
- [54] **UTILISATION DE L'AMITRIPTYLINE POUR LE BLOCAGE DES CONNEXONS DU CERVEAU ET PROCEDE D'AMPLIFICATION DE SON EFFET IN VIVO**
- [72] JEANSON, TIFFANY, FR
[72] CHARVERIAT, MATTHIEU, FR
[72] MOUTHON, FRANCK, FR
[71] THERANEXUS, FR
[85] 2018-01-11
[86] 2016-07-15 (PCT/EP2016/066986)
[87] (WO2017/009472)
[30] EP (15290186.4) 2015-07-15

- [21] 2,992,163
[13] A1
- [51] Int.Cl. A61B 5/055 (2006.01)
- [25] EN
- [54] **ACTIVE COIL TO SHIFT A VOLUME OF UNIFORM MAGNETIC FIELD**
- [54] **BOBINE ACTIVE POUR DECALER UN VOLUME DE CHAMP MAGNETIQUE UNIFORME**
- [72] BINDSEIL, GERON ANDRE, CA
[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-01-11
[86] 2015-07-15 (PCT/IB2015/055366)
[87] (WO2017/009690)

- [21] 2,992,165
[13] A1
- [51] Int.Cl. B66B 15/04 (2006.01)
- [25] EN
- [54] **BELT ROLLER FOR AN ELEVATOR SYSTEM**
- [54] **POULIE A COURROIE POUR INSTALLATION D'ASCENSEUR**
- [72] ZAPF, VOLKER, CH
[71] INVENTO AG, CH
[85] 2018-01-11
[86] 2016-08-18 (PCT/EP2016/069561)
[87] (WO2017/032675)
[30] EP (15182046.1) 2015-08-21

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- [51] Int.Cl. A47D 15/00 (2006.01) A47C 21/00 (2006.01) A47C 31/00 (2006.01) A47D 7/00 (2006.01) A47D 9/02 (2006.01)
- [25] EN
- [54] **RECIPROCATON DEVICE AND CRIB**
- [54] **DISPOSITIF DE VA-ET-VIENT ET LIT D'ENFANT**
- [72] JARVINEN, TEEMU, FI
[72] VIHOTTULA, MARKUS, FI
[72] SISSALA, RIITTA, FI
[72] SALMI, PEKKA, FI
[72] SISSALA, HANNA, FI
[72] VIITANIEMI, ISMO, FI
[71] FAMILINGS OY, FI
[85] 2018-01-11
[86] 2016-07-19 (PCT/FI2016/050534)
[87] (WO2017/017311)
[30] GB (1513121.2) 2015-07-24

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- [51] Int.Cl. F24S 70/25 (2018.01) F24S 20/66 (2018.01) F24S 70/12 (2018.01) F24S 70/225 (2018.01) C23C 22/04 (2006.01) C23C 22/24 (2006.01) C25D 9/04 (2006.01) C25D 11/38 (2006.01) F24H 3/04 (2006.01)
- [25] EN
- [54] **TRANSPIRED SOLAR COLLECTOR**
- [54] **MUR SOLAIRE**
- [72] BLOWER, ANDREW JOHN, GB
[72] HALL, RICHARD, GB
[71] ENERGY TRANSITIONS LIMITED, GB
[85] 2018-01-11
[86] 2016-07-13 (PCT/GB2016/052109)
[87] (WO2017/009638)
[30] GB (1512356.5) 2015-07-15

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[13] A1
- [51] Int.Cl. C12N 15/00 (2006.01) C12N 15/85 (2006.01)
- [25] EN
- [54] **PROMOTER VARIANTS**
- [54] **VARIANTS DE PROMOTEUR**
- [72] MATTANOVICH, DIETHARD, AT
[72] GASSER, BRIGITTE, AT
[72] PRIELHOFFER, ROLAND, AT
[71] LONZA LTD, CH
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[86] 2016-08-05 (PCT/EP2016/068784)
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- [25] EN
- [54] **TARGETED DELIVERY OF SPRAY-DRIED FORMULATIONS TO THE LUNGS**
- [54] **ADMINISTRATION CIBLEE DE FORMULATIONS SECHEES PAR PULVERISATION AUX POUMONS**
- [72] UNG, KETHTRY, US
[72] WEERS, JEFFRY, US
[72] HUANG, DANIEL, US
[72] RAO, NAGARAJA, US
[72] SON, YOEN-JU, US
[71] NOVARTIS AG, CH
[85] 2018-01-11
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[54] PROCEDES ET SYSTEMES D'ELIMINATION DE MATIERE PARTICULAIRE A PARTIR D'UN COURANT DE GAZ D'ECHAPPEMENT INDUSTRIEL
[72] WEBB, RUSSELL, US
[72] TAYLOR, RODNEY, US
[72] HORN, DANIEL, US
[72] BERGSTRESSER, RALF, DE
[72] LOUBIERE, DONNIE, US
[72] SCHMIDT, KAY, DE
[71] ORION ENGINEERED CARBONS GMBH, DE
[85] 2018-01-11
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[30] US (62/205,146) 2015-08-14

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[54] SAMPLE DEGASSER DILUTION CONTROL SYSTEM
[54] SYSTEME DE REGULATION DE DILUTION DE DEGAZEUR D'ECHANTILLON
[72] HENDERSON, MATTHEW HAY, GB
[72] SCHEXNAIDER, NEIL PATRICK, US
[72] BROWN, PAUL, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] THERMALLY STABLE MICROSTRUCTURED SEMI-IPN LAYER
[54] COUCHE DE SEMI-IPN MICROSTRUCTUREE, STABLE THERMIQUEMENT
[72] MARX, RYAN E., US
[72] YLITALO, DAVID A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] MDM2 INHIBITORS AND COMBINATIONS THEREOF
[54] INHIBITEURS DE MDM2 ET COMBINAISONS DE CEUX-CI
[72] IIALILOVIC, ENSAR, US
[72] CAPONIGRO, GIORDANO, US
[72] HORN-SPIROHN, THOMAS, US
[72] LEHAR, JOSEPH, US
[71] NOVARTIS AG, CH
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[25] EN
[54] CONTROL SYSTEM FOR WORK VEHICLE, WORK VEHICLE, AND CONTROL METHOD FOR WORK VEHICLE
[54] SYSTEME DE COMMANDE D'ENGIN DE CHANTIER, ENGIN DE CHANTIER, ET PROCEDE DE COMMANDE D'ENGIN DE CHANTIER
[72] KOBASHI, YUJI, JP
[72] OSAGAWA, KENTA, JP
[72] TOKU, ISAO, JP
[72] OZAKI, TOMONORI, JP
[71] KOMATSU LTD., JP
[85] 2018-01-11
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[25] EN
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[54] REPRESENTATION INFORMATISEE DE PRECIPITATIONS
[72] KLEEMAN, ALEX, US
[72] SMALL, TODD, US
[71] THE CLIMATE CORPORATION, US
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[54] MULTI-PHASE UNIT-DOSE CLEANING PRODUCT

[54] PRODUIT DE NETTOYAGE MONODOSE MULTIPHASE

[72] LETZELTER, NATHALIE SOPHIE, GB

[72] ALDA, ELENA, GB

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2018-01-11

[86] 2016-07-08 (PCT/US2016/041420)

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[25] EN

[54] METHODS OF MAKING AN ELASTOMER COMPOSITE REINFORCED WITH SILICA AND PRODUCTS CONTAINING SAME

[54] PROCEDES DE FABRICATION D'UN COMPOSITE D'ELASTOMERE RENFORCE DE SILICE ET PRODUITS LE CONTENANT

[72] XIONG, JINCHENG, US

[72] GREEN, MARTIN C., US

[72] WILLIAMS, WILLIAM R., US

[72] FOMITCHEV, DMITRY, US

[72] ADLER, GERALD D., US

[72] McDONALD, DUANE G., US

[72] GROSZ, RON, US

[71] CABOT CORPORATION, US

[85] 2018-01-11

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[54] STABILIZED NANOPARTICLE COMPOSITIONS COMPRISING IONS

[54] COMPOSITIONS DE NANOPARTICULES STABILISEES COMPRENANT DES IONS

[72] COX, JASON R., US

[72] KOSYNKIN, DMITRY, SA

[72] OW, HOOISWENG, US

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2018-01-11

[86] 2016-07-08 (PCT/US2016/041584)

[87] (WO2017/011328)

[30] US (62/191,871) 2015-07-13

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[54] POLYSACCHARIDE COATED NANOPARTICLE COMPOSITIONS COMPRISING IONS

[54] COMPOSITIONS DE NANOPARTICULES A REVETEMENT DE POLYSACCHARIDE COMPRENANT DES IONS

[72] COX, JASON R., US

[72] OW, HOOISWENG, US

[72] EICHMANN, SHANNON L., US

[72] SCHMIDT, HOWARD K., SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2018-01-11

[86] 2016-07-08 (PCT/US2016/041604)

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[30] US (62/191,881) 2015-07-13

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[25] EN

[54] METHODS OF MAKING AN ELASTOMER COMPOSITE REINFORCED WITH SILICA AND PRODUCTS CONTAINING SAME

[54] PROCEDES DE FABRICATION D'UN COMPOSITE ELASTOMERE RENFORCE DE SILICE ET PRODUITS LE CONTENANT

[72] XIONG, JINCHENG, US

[72] GREEN, MARTIN C., US

[72] WILLIAMS, WILLIAM R., US

[72] FOMITCHEV, DMITRY, US

[72] ADLER, GERALD D., US

[72] McDONALD, DUANE G., US

[72] GROSZ, RON, US

[72] MORRIS, MICHAEL D., US

[71] CABOT CORPORATION, US

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[54] SYSTEME SUPPORT STRUCTUREL ET PROCEDES D'UTILISATION

[72] BUCKNELL, JUSTIN R., US

[72] CHEN, KAISHENG, US

[71] ISIMS LLC, US

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[25] EN
[54] METHODS OF MAKING AN ELASTOMER COMPOSITE REINFORCED WITH SILICA AND CARBON BLACK AND PRODUCTS CONTAINING SAME
[54] PROCEDES DE FABRICATION D'UN COMPOSITE ELASTOMERE RENFORCE DE SILICE ET DE NOIR DE CARBONE ET PRODUITS LE CONTENANT
[72] XIONG, JINCHENG, US
[72] GREEN, MARTIN C., US
[72] WILLIAMS, WILLIAM R., US
[72] FOMITCHEV, DMITRY, US
[72] ADLER, GERALD D., US
[72] McDONALD, DUANE G., US
[72] GROSZ, RON, US
[72] MORRIS, MICHAEL D., US
[71] CABOT CORPORATION, US
[85] 2018-01-11
[86] 2016-07-13 (PCT/US2016/042109)
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[30] US (62/192,891) 2015-07-15
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[25] EN
[54] ELASTOMER COMPOSITE REINFORCED WITH SILICA AND PRODUCTS CONTAINING SAME
[54] COMPOSITE ELASTOMERE RENFORCE DE SILICE ET PRODUITS LE CONTENANT
[72] XIONG, JINCHENG, US
[72] GREEN, MARTIN C., US
[72] WILLIAMS, WILLIAM R., US
[72] FOMITCHEV, DMITRY, US
[72] ADLER, GERALD D., US
[72] McDONALD, DUANE G., US
[72] GROSZ, RON, US
[71] CABOT CORPORATION, US
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[51] Int.Cl. C22C 38/02 (2006.01) C21D 8/12 (2006.01) C22C 38/06 (2006.01) C22C 38/10 (2006.01) C22C 38/18 (2006.01) H01F 1/12 (2006.01) H01F 1/14 (2006.01) H01F 1/147 (2006.01)
[25] FR
[54] FECO ALLOY, FESI ALLOY OR FE SHEET OR STRIP AND PRODUCTION METHOD THEREOF, MAGNETIC TRANSFORMER CORE PRODUCED FROM SAID SHEET OR STRIP, AND TRANSFORMER COMPRISING SAME
[54] TOLE OU BANDE EN ALLIAGE FECO OU FESI OU EN FE ET SON PROCEDE DE FABRICATION, NOYAU MAGNETIQUE DE TRANSFORMATEUR REALISE A PARTIR D'ELLE ET TRANSFORMATEUR LE COMPORTANT
[72] WAECKERLE, THIERRY, FR
[72] BAUDIN, THIERRY, FR
[72] HELBERT, ANNE-LAURE, FR
[72] HUBERT, OLIVIER, FR
[72] BATONNET, REMY, FR
[71] APERAM, LU
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[86] 2016-07-29 (PCT/EP2016/068172)
[87] (WO2017/017256)
[30] EP (PCT/EP2015/067443) 2015-07-29

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[51] Int.Cl. E21B 7/15 (2006.01) E21B 10/00 (2006.01)
[25] EN
[54] HIGH-POWER FUSE-PROTECTED CAPACITOR FOR DOWNHOLE ELECTROCRUSHING DRILLING
[54] CONDENSATEUR HAUTE PUISSANCE PROTEGE PAR FUSIBLE POUR FORAGE EN FOND DE TROU PAR CONCASSAGE ELECTRIQUE
[72] MOENY, WILLIAM M., US
[72] SLENES, KIRK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] CHEVRON USA, US
[71] SDG LLC, US
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[54] **AGRICULTURAL PLANTER HAVING TAPERED BEARINGS ON ROW UNIT MOUNTING BRACKET**

[54] **SEMOIR AGRICOLE AYANT DES PALIERS CONIQUES SUR UN SUPPORT DE MONTAGE D'UNITE DE RANGEE**

[72] SIVINSKI, JEFFREY ALAN, US

[71] HARVEST INTERNATIONAL, INC., US

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[30] US (62/304,969) 2016-03-08

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[54] **PYRROLOPYRIMIDINE NUCLEOSIDES AND ANALOGS THEREOF USEFUL AS ANTIVIRAL AGENTS**

[54] **NUCLEOSIDES DE PYRROLOPYRIMIDINE ET ANALOGUES DE CEUX-CI UTILES EN TANT QU'AGENTS ANTIVIRAUX**

[72] TOWNSEND, LEROY, US

[72] DRACH, JOHN, US

[72] WARE, ROY W., US

[71] CHIMERIX, INC., US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[85] 2018-01-11

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[30] GB (1606645.8) 2016-04-15

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[54] **NOVEL SPOT-ON ACTIVE SUBSTANCE FORMULATION**

[54] **NOUVELLE FORMULATION DE SUBSTANCE ACTIVE DE SOLUTION POUR APPLICATION LOCALE**

[72] HANSEN, OLAF, DE

[72] THOMA, RUDY, DE

[71] EVERGREEN ANIMAL HEALTH, LLC, US

[85] 2018-01-11

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[54] **QUICK CHANGE CLOSING WHEEL ASSEMBLY WITH CENTERING ADJUSTMENT**

[54] **ENSEMBLE ROUE DE FERMETURE A CHANGEMENT RAPIDE A REGLAGE DE CENTRAGE**

[72] SIVINSKI, JEFFREY ALAN, US

[71] HARVEST INTERNATIONAL, INC., US

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[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01)**

[25] EN

[54] **A HYDROCARBON EXTRACTION WELL AND A METHOD OF CONSTRUCTION THEREOF**

[54] **PUITS D'EXTRACTION D'HYDROCARBURE ET PROCEDE DE CONSTRUCTION DE CE DERNIER**

[72] JOSHI, MAHENDRA L., US

[72] QI, XUELE, US

[72] MURPHY, RAYMOND PATRICK, US

[72] PARKEY, DEWEY LAVONNE, JR., US

[71] GENERAL ELECTRIC COMPANY, US

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[25] EN

[54] **RECLINER AND LEGREST MECHANISM FOR A FURNITURE MEMBER**

[54] **DISPOSITIF D'INCLINAISON ET MECANISME REPOSE-JAMBES POUR UN MEUBLE**

[72] LAPOINTE, LARRY P., US

[72] ADAMS, CHAD E., US

[72] RAINES, JASON, US

[72] BRYSON, JASON, US

[71] LA-Z-BOY INCORPORATED, US

[85] 2018-01-11

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[51] Int.Cl. B60R 21/013 (2006.01) G01P 15/135 (2006.01)
[25] EN
[54] **IMPACT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'IMPACT**
[72] DA COSTA, ILIDIO GOUVEIA, AU
[72] GODBER, ANTHONY MICHAEL, AU
[72] WALLIS, DAVID, AU
[72] SHURMER, MATTHEW, AU
[72] NICHOLSON, PAUL, AU
[72] TOPHAM, GARETH, AU
[72] PEARMAN, RICHARD, AU
[72] KNIGHT, PETER, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2018-01-12
[86] 2016-07-14 (PCT/AU2016/050620)
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[51] Int.Cl. F16B 5/02 (2006.01) B64C 1/12 (2006.01) B64D 29/06 (2006.01) B64D 33/04 (2006.01) F16B 5/04 (2006.01) F16B 19/04 (2006.01) F16B 43/00 (2006.01)
[25] FR
[54] **ASSEMBLY VIA MECHANICAL LINKAGE COMPRISING AT LEAST ONE PART MADE OF A COMPOSITE MATERIAL**
[54] **ASSEMBLAGE PAR LIAISON MECANIQUE COMPORTANT AU MOINS UNE PIECE EN MATERIAU COMPOSITE**
[72] MATEO, JULIEN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2018-01-12
[86] 2016-07-15 (PCT/FR2016/051822)
[87] (WO2017/013340)
[30] FR (1556776) 2015-07-17

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[51] Int.Cl. A61K 39/395 (2006.01) C07K 14/525 (2006.01) C07K 16/22 (2006.01)
[25] EN
[54] **MULTIVALENT AND MULTISPECIFIC GITR-BINDING FUSION PROTEINS**
[54] **PROTEINES HYBRIDES MULTIVALENTES ET MULTISPECIFIQUES SE LIANT A GITR**
[72] TIMMER, JOHN C., US
[72] JONES, KYLE S., US
[72] RAZAI, AMIR S., US
[72] HUSSAIN, ABRAHIM, US
[72] WILLIS, KATELYN M., US
[72] DEVERAUX, QUINN, US
[72] ECKELMAN, BRENDAN P., US
[71] INHIBRX LP, US
[85] 2018-01-11
[86] 2016-07-22 (PCT/US2016/043717)
[87] (WO2017/015623)
[30] US (62/195,822) 2015-07-23

[21] 2,992,302
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[51] Int.Cl. C02F 1/44 (2006.01) B01D 61/02 (2006.01)
[25] EN
[54] **SYSTEMS AND METHODS FOR WATER FILTRATION**
[54] **SYSTEMES ET PROCEDES DE FILTRATION D'EAU**
[72] SPIEGEL, PETER G., US
[72] PEDERSEN, MICHAEL A., US
[71] AQUA TRU, LLC, US
[85] 2018-01-11
[86] 2016-06-28 (PCT/US2016/039715)
[87] (WO2017/019229)
[30] US (14/809,526) 2015-07-27

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[51] Int.Cl. G06T 5/50 (2006.01) H04N 19/00 (2014.01)
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE PROCESSING**
[54] **SYSTEME ET PROCEDE POUR UN TRAITEMENT D'IMAGE**
[72] SIVER, GLEN, AU
[72] JONES, DAVID GREGORY, US
[71] BLINXEL PTY LTD, AU
[85] 2018-01-12
[86] 2016-07-15 (PCT/AU2016/050625)
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[30] AU (2015902803) 2015-07-15

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[72] HARVEY, JOHN, US
[72] STEGELMANN, OLIVER, CA
[71] GATES CORPORATION, US
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[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE EN DOSE UNITAIRE HYDROSOLUBLE**
[72] DEPOOT, KAREL JOSEF MARIA, BE
[72] BODET, JEAN-FRANCOIS, BE
[72] TODINI, ORESTE, BE
[72] WALRAVENS, WOUTER, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ADDITIVE FOR LUBRICANT COMPOSITIONS COMPRISING AN ORGANOMOLYBDENUM COMPOUND, AND A DERIVATIZED TRIAZOLE**
[54] **ADDITIF POUR COMPOSITIONS LUBRIFIANTES COMPRENANT UN COMPOSE D'ORGANOMOLYBDENE, ET UN DERIVE DE TRIAZOLE**
[72] PATEL, MIHIR, US
[72] GATTO, VINCENT, J., US
[71] VANDERBILT CHEMICALS, LLC, US
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[54] **APPARATUS AND METHOD FOR SORTING OF CELLS**
[54] **APPAREIL ET PROCEDE PERMETTANT DE TRIER DES CELLULES**
[72] BOYD, LAWRENCE M., US
[72] RATCLIFFE, JOHN J., JR., US
[72] GARCIA, ANDRES JOSE, US
[72] MCDEVITT, TODD CHRISTOPHER, US
[71] BOYD, LAWRENCE M., US
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[54] **USE OF MAP PRODUCT TO TREAT AND PREVENT MELANIN-RELATED DISEASES**
[54] **APPLICATION DE LA PROTEINE DE MOULE A ACTION ADHESIVE POUR LE TRAITEMENT ET LA PREVENTION DE MALADIES ASSOCIEES A LA MELANINE**
[72] GAO, MIN, CN
[72] JANSON, JAN CHRISTER, SE
[71] BENGT I. SAMUELSSON
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[54] **DERIVES D'ANILINE PYRIMIDINE ET LEURS UTILISATIONS**
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[72] ZHAO, NA, CN
[72] SHANG, XIANXING, CN
[72] HU, YUANDONG, CN
[72] PENG, YONG, CN
[72] ZHANG, HUI, CN
[72] LIU, BO, CN
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[72] HAN, YONGXIN, CN
[72] YANG, LING, CN
[72] XU, HONGJIANG, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
[71] CENTAURUS BIOPHARMA CO., LTD., CN
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[54] **URETERAL AND BLADDER CATHETERS AND METHODS FOR INDUCING NEGATIVE PRESSURE TO INCREASE RENAL PERFUSION**
[54] **SONDES URETERALES ET VESICALES, ET PROCEDES D'INDUCTION D'UNE PRESSION NEGATIVE POUR AUGMENTER LA PERFUSION RENALE**
[72] ERBEY, JOHN R., II, US
[72] UPPERCO, JACOB L., US
[72] FISHER, MICHAEL ALLEN, US
[72] STRANE, PATRICK WILLIAM, US
[72] BLACK, LANCE MICHAEL, US
[71] STRATACA SYSTEMS, LLC, US
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[54] **CHIRAL DIARYL MACROCYCLES AND USES THEREOF**
[54] **MACROCYCLES DIARYLES CHIRAUX ET LEURS UTILISATIONS**
[72] CUI, JINGRONG JEAN, US
[72] LI, YISHAN, US
[72] ROGERS, EVAN W., US
[72] ZHAI, DAYONG, US
[72] DENG, WEI, US
[72] HUANG, ZHONGDONG, US
[71] TP THERAPEUTICS, INC., US
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[54] METHOD AND DEVICE FOR SEPARATING AND TRANSFERRING PELLETS
[54] PROCEDE ET DISPOSITIF DE SEPARATION ET DE TRANSFERT DE PASTILLES
[72] WOLF, ACHIM, DE
[72] WOLF, STEFAN, DE
[72] SEYFANG, KARLHEINZ, DE
[71] HARRO HOFLLIGER VERPACKUNGSMASCHINEN GMBH, DE
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[51] Int.Cl. G01N 33/68 (2006.01)
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[72] SANCHEZ, JEAN-CHARLES, CH
[72] MONTANER, JOAN, ES
[71] UNIVERSITY OF GENEVA, CH
[71] FUNDACIO HOSPITAL UNIVERSITARY VALL D'HEBRON, ES
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[54] MISE EN FORME DE DISTRIBUTION DE BRUIT POUR SIGNAUX, EN PARTICULIER DES SIGNAUX A SPECTRE ETALE COMME DES SIGNAUX CDMA, A ROBUSTESSE AMELIOREE
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[71] AIRBUS DEFENCE AND SPACE GMBH, DE
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[13] A1
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[25] EN
[54] SEALED REUSABLE BULK MATERIAL CONTAINER
[54] RECIPIENT ETANCHE ET REUTILISABLE POUR PRODUITS EN VRAC
[72] ERREN, STEFAN, DE
[72] BECKMANN, EBERHARD, DE
[72] SCHNEIDER, REINHARD, DE
[72] SCHOENHABER, DIETER, DE
[71] BASF SE, DE
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[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/047 (2006.01) A61K 31/731 (2006.01) A61K 33/14 (2006.01) A61K 45/06 (2006.01) A61P 11/02 (2006.01) A61P 31/16 (2006.01)
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[54] STUFFY NOSE DEBLOCKING COMPOSITION HAVING ANTIVIRAL ACTIVITY
[54] COMPOSITION DE DEBLOCAGE DE NEZ CONGESTIONNE PRESENTANT UNE ACTIVITE ANTIVIRALE
[72] GRASSAUER, ANDREAS, AT
[72] PRIESCHL-GRASSAUER, EVA, AT
[72] BODENTEICH, ANGELIKA, AT
[72] KOLLER, CHRISTIANE, AT
[72] MOROKUTTI-KURZ, MARTINA, AT
[71] MARINOMED BIOTECH AG, AT
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[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/19 (2006.01)
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[54] COMPOSITION DE FILM AUTO-FORME DE SOINS BUCCO-DENTAIRES
[72] SANTAS GUTIERREZ, JONATAN, ES
[72] LAZARO MALLEN, ELISABET, ES
[72] CUNE CASTELLANA, JORDI, ES
[72] MAREQUE BUENO, JAVIER MAREQUE, ES
[72] CALVO GUIRADO, JOSE LUIS, ES
[71] AB-BIOTICS, S.A., ES
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[86] 2016-07-11 (PCT/EP2016/066456)
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[51] **Int.Cl. B02C 21/00 (2006.01) B02C 23/08 (2006.01)**
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[54] **METHOD AND APPARATUS FOR THE TWO-STAGE GRINDING OF FRESH STOCK**
[54] **PROCEDE ET DISPOSITIF DE BROyage EN DEUX ETAPES DE PRODUIT FRAIS**
[72] STRASSER, SIEGFRIED, DE
[71] KHD HUMBOLDT WEDAG GMBH, DE
[85] 2018-01-12
[86] 2016-07-08 (PCT/EP2016/066309)
[87] (WO2017/009240)
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[13] A1

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[25] EN
[54] **MULTILAYERED PHARMACEUTICALLY ACTIVE COMPOUND-RELEASING MICROPARTICLES IN A LIQUID DOSAGE FORM**
[54] **MICROPARTICULES A LIBERATION DE COMPOSE PHARMACEUTIQUEMENT ACTIF MULTICOUCHE SOUS FORME POSOLOGIQUE LIQUIDE**
[72] RONCINI, FEDERICA, IT
[72] GOOLE, JONATHAN, BE
[72] AMIGHI, KARIM, BE
[72] GUILLAUME, GEORGES, BE
[72] STEPHENNE, VINCENT, BE
[71] BE PHARBEL MANUFACTURING, BE
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[25] EN
[54] **A REPOSITIONABLE MOISTURE MANAGEMENT MATERIAL THAT CREATES A BARRIER TO SKIN-ON-SKIN CONTACT**
[54] **MATERIAU DE GESTION DE L'HUMIDITE REPOSITIONNABLE QUI CREE UNE BARRIERE CONTRE UN CONTACT PEAU-A-PEAU**
[72] CLARKE, MIRIAM S., US
[71] MOUNTAIN PARK MUSIC, INC., US
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[54] **VITRAGE LATERAL DE MOYEN DE TRANSPORT A FIXATION PAR L'EXTERIEUR**
[72] GASTAL, GUILLAUME, PL
[72] ODULINSKY, ANDRZEJ, PL
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
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[54] **5-HYDROXYALKYLBENZIMIDAZOLES EN TANT QU'INHIBITEURS DE MIDHI**
[72] PANKNIN, OLAF, DE
[72] RING, SVEN, DE
[72] ZIMMERMANN, KATJA, DE
[72] NEUHAUS, ROLAND, DE
[71] BAYER PHARMA AKTIENGESSELLSCHAFT, DE
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[54] **ELEMENT FILTRANT COMPRENANT UN EVIDEMENT**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[71] K-FEE SYSTEM GMBH, DE
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[30] DE (102015111319.8) 2015-07-13

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[72] BOOTZ, FRANZISKA SOPHIE, CH
[72] NERI, DARIO, CH
[71] PHILOGEN S.P.A., IT
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[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/0408 (2006.01)
[25] EN
[54] SYSTEM AND METHODS FOR ADAPTIVE NOISE QUANTIFICATION IN DYNAMIC BIOSIGNAL ANALYSIS
[54] SYSTEME ET PROCEDES DE QUANTIFICATION ADAPTATIVE DU BRUIT DANS UNE ANALYSE DYNAMIQUE DE BIOSIGNAUX
[72] AGUSTIN, MACIA BARBER, ES
[72] XAVIER, IBANEZ CATALA, ES
[71] SMART SOLUTIONS TECHNOLOGIES, S.L., ES
[85] 2018-01-12
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[25] EN
[54] METHOD FOR MANUFACTURING SUCCINIC ACID
[54] PROCEDE DE PRODUCTION D'ACIDE SUCCINIQUE
[72] VAN BREUGEL, JAN, NL
[72] JANSEN, PETER PAUL, NL
[72] VIDAL LANCIS, JOSE MARIA, ES
[72] DEKIC ZIVKOVIC, TANJA, NL
[72] KON, ADRIAAN DIRK, NL
[71] PURAC BIOCHEM B.V., NL
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[30] EP (15176659.9) 2015-07-14

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[51] Int.Cl. C07K 16/28 (2006.01)
[25] EN
[54] ANTIBODY MOLECULES WHICH BIND CD79
[54] MOLECULES D'ANTICORPS QUI SE LIENT A CD79
[72] FINNEY, HELENE MARGARET, GB
[72] RAPECKI, STEPHEN EDWARD, GB
[72] TYSON, KERRY LOUISE, GB
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL., BE
[85] 2018-01-12
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[87] (WO2017/009474)
[30] EP (PCT/EP2015/066369) 2015-07-16
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[51] Int.Cl. C07K 16/28 (2006.01) A01K 67/027 (2006.01)
[25] EN
[54] ANTIBODY MOLECULES WHICH BIND CD22
[54] MOLECULES D'ANTICORPS QUI SE LIENT A CD22
[72] FINNEY, HELENE MARGARET, GB
[72] RAPECKI, STEPHEN EDWARD, GB
[72] TYSON, KERRY LOUISE, GB
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL., BE
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[25] FR
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[54] COMPOSES INHIBITEURS DE PSEUDOMONAS AERUGINOSA
[72] WONG, YUNG-SING, FR
[72] PLE, SOPHIE, FR
[72] ATTREE, INA, FR
[72] BARETTE, CAROLINE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-01-12
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[51] Int.Cl. C07D 405/12 (2006.01) A01N 43/12 (2006.01) A01N 43/36 (2006.01) C07D 407/12 (2006.01)
[25] EN
[54] PLANT GROWTH REGULATOR COMPOUNDS
[54] COMPOSES REGULATEURS DE LA CROISSANCE VEGETALE
[72] LUMBROSO, ALEXANDRE FRANCO JEAN CAMILLE, CH
[72] DE MESMAEKER, ALAIN, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-01-12
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[87] (WO2017/025427)
[30] GB (1513971.0) 2015-08-07

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[51] Int.Cl. A61K 39/395 (2006.01) C07K 16/32 (2006.01)

[25] EN

[54] **TREATMENT OF PATIENTS DIAGNOSED WITH PANCREATIC DUCTAL ADENOCARCINOMA USING MONOCLONAL ANTIBODIES AGAINST THE EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)**

[54] **TRAITEMENT DE PATIENTS DIAGNOSTIQUES AVEC UN ADENOCARCINOME CANALAIRE DU PANCREAS AU MOYEN DE L'UTILISATION D'ANTICORPS MONOCLONAUX CONTRE LE RECEPTEUR DE FACTEUR DE CROISSANCE EPIDERMIQUE (EGFR)**

[72] STRUMBERG, DIRK, DE

[72] SCHULTHEIS, BEATE, DE

[72] EBERT, MATTHIAS P., DE

[72] SIVEKE, JENS, DE

[72] KERKHOFF, ANDREA, DE

[72] HOFHEINZ, RALF, DE

[72] BEHRINGER, DIRK M., DE

[72] SCHMIDT, WOLFGANG E., DE

[72] GOKER, ERDEM, TR

[72] DE DOSO, SARA, CH

[72] KNEBA, MICHAEL, DE

[72] YALCIN, SUAYIB, TR

[72] OVERKAMP, FRIEDRICH, DE

[72] SCHLEGEL, FRANK, DE

[72] DOMMACH, MARKUS, DE

[72] ROHRBERG, ROBERT, DE

[72] STEINMETZ, TILMAN, DE

[72] BACH, FERDINAND, DE

[72] REUTER, DIRK, DE

[72] IL YAS, RIKRIK ASIYAIL, SG

[72] IZNAGA ESCOBAR, NORMAN DO E., SG

[71] INNOCIMAB PTE LTD, SG

[71] ONCOSCIENCE AG, DE

[85] 2018-01-12

[86] 2016-07-27 (PCT/EP2016/067892)

[87] (WO2017/017133)

[30] EP (15178489.9) 2015-07-27

[21] 2,992,376
[13] A1

[51] Int.Cl. A61K 9/08 (2006.01) A61K 31/58 (2006.01) A61K 47/26 (2006.01)

[25] EN

[54] **METHOD FOR IMPROVING AQUEOUS SOLUBILITY OF WATER-INSOLUBLE OR SLIGHTLY WATER-SOLUBLE DRUGS**

[54] **PROCEDE D'AMELIORATION DE LA SOLUBILITE AQUEUSE DE MEDICAMENTS HYDRO-INSOLUBLES OU LEGEREMENT HYDROSOLUBLES**

[72] GRASSAUER, ANDREAS, AT

[72] PRIESCHL-GRASSAUER, EVA, AT

[72] BODENTEICH, ANGELIKA, AT

[72] MOROKUTTI-KURZ, MARTINA, AT

[72] NAKOWITTSCH, SABINE, AT

[72] KAINZ, CORNELIA, AT

[71] MARINOMED BIOTECH AG, AT

[85] 2018-01-12

[86] 2016-07-15 (PCT/EP2016/066999)

[87] (WO2017/009480)

[30] US (14/801578) 2015-07-16

[21] 2,992,377
[13] A1

[51] Int.Cl. G01N 33/574 (2006.01)

[25] EN

[54] **METHOD FOR INDIVIDUALIZED CANCER THERAPY**

[54] **METHODE DE CANCEROTHERAPIE INDIVIDUALISEE**

[72] PICCO, VINCENT, MC

[72] PAGES, GILLES, FR

[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] UNIVERSITE DE NICE SOPHIA ANTIPOLIS, FR

[71] CENTRE SCIENTIFIQUE DE MONACO, MC

[85] 2018-01-12

[86] 2016-07-13 (PCT/EP2016/066624)

[87] (WO2017/012944)

[30] EP (EP15306173.4) 2015-07-17

[21] 2,992,378
[13] A1

[51] Int.Cl. A61K 38/01 (2006.01) C07K 14/415 (2006.01)

[25] EN

[54] **ANTI-INFLAMMATORY PEPTIDES, AND USES THEREOF**

[54] **PEPTIDES ANTI-INFLAMMATOIRES, ET LEURS UTILISATIONS**

[72] KHALDI, NORA, IE

[72] LOPEZ, CYRIL, IE

[72] ADLEHO, ALESSANDRO, IE

[71] NURITAS LIMITED, IE

[85] 2018-01-12

[86] 2016-07-18 (PCT/EP2016/067090)

[87] (WO2017/009484)

[30] EP (15177013.8) 2015-07-16

[30] EP (15177017.9) 2015-07-16

[21] 2,992,379
[13] A1

[51] Int.Cl. G01M 5/00 (2006.01) G08C 17/00 (2006.01)

[25] EN

[54] **MONITORING THE STRUCTURAL HEALTH OF COLUMNS AND LIKE STRUCTURES**

[54] **SURVEILLANCE DE LA SANTE STRUCTURELLE DE COLONNES ET DE STRUCTURES ANALOGUES**

[72] WILLIAMS, CRAIG THOMAS, GB

[71] THE ALUMINIUM LIGHTING COMPANY LTD, GB

[85] 2018-01-12

[86] 2017-02-28 (PCT/GB2017/000029)

[87] (WO2017/149267)

[30] GB (1603561.0) 2016-03-01

PCT Applications Entering the National Phase

[21] 2,992,380
[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/32 (2006.01)
[25] EN
[54] HUMANIZED OR CHIMERIC CD3 ANTIBODIES
[54] ANTICORPS ANTI-CD3 HUMAINISES OU CHIMERIQUES
[72] RADEMAKER, RIK, NL
[72] ALTINTAS, ISIL, NL
[72] ENGELBERTS, PATRICK, NL
[72] SCHUURMAN, JANINE, NL
[72] PARREN, PAUL, NL
[71] GENMAB A/S, DK
[85] 2018-01-12
[86] 2016-07-14 (PCT/EP2016/066845)
[87] (WO2017/009442)
[30] DK (PA 2015 00414) 2015-07-15
[30] DK (PA 2015 00413) 2015-07-15
[30] DK (PA 2015 00416) 2015-07-16
[30] EP (PCT/EP2016/050296) 2016-01-08

[21] 2,992,381
[13] A1
[51] Int.Cl. A61F 13/00 (2006.01) A61F 15/00 (2006.01)
[25] EN
[54] PACKAGING FOR A MEDICINAL PRODUCT
[54] EMBALLAGE POUR PRODUIT MEDICAL
[72] WOGRAM, MARCO PETER, DE
[72] CASU, SASCHA, DE
[71] BSN MEDICAL GMBH, DE
[85] 2018-01-12
[86] 2016-07-15 (PCT/EP2016/066882)
[87] (WO2017/009448)
[30] DE (10 2015 111 582.4) 2015-07-16

[21] 2,992,382
[13] A1
[51] Int.Cl. A61K 38/01 (2006.01) C07K 14/415 (2006.01)
[25] EN
[54] GROWTH PROMOTING PEPTIDES AND USES THEREOF
[54] PEPTIDES FAVORISANT LA CROISSANCE ET LEURS UTILISATIONS
[72] KHALDI, NORA, IE
[72] LOPEZ, CYRIL, IE
[72] ADLEFIO, ALESSANDRO, IE
[71] NURITAS LIMITED, IE
[85] 2018-01-12
[86] 2016-07-18 (PCT/EP2016/067097)
[87] (WO2017/009490)
[30] EP (15177017.9) 2015-07-16

[21] 2,992,383
[13] A1
[51] Int.Cl. D21H 27/30 (2006.01) B32B 29/00 (2006.01) B32B 29/08 (2006.01) D21C 5/02 (2006.01) D21F 11/04 (2006.01) D21H 11/12 (2006.01) D21H 19/00 (2006.01) D21H 27/38 (2006.01)
[25] EN
[54] MULTI-LAYER CARDBOARD MATERIAL AND METHOD FOR PRODUCING A MULTI-LAYER CARDBOARD MATERIAL
[54] MATERIAU CARTON MULTICOUCHE ET PROCEDE DE FABRICATION D'UN MATERIAU CARTON MULTICOUCHE
[72] ZISCHKA, MICHAEL, AT
[72] MAGIN, MATTHIAS, DE
[71] MAYR-MELNHOF KARTON AG, AT
[85] 2018-01-12
[86] 2016-07-15 (PCT/EP2016/066902)
[87] (WO2017/013015)
[30] EP (15177486.6) 2015-07-20

[21] 2,992,385
[13] A1
[51] Int.Cl. C08L 23/10 (2006.01) C08L 23/04 (2006.01)
[25] EN
[54] LOW EFO POLYPROPYLENE COMPOSITION
[54] COMPOSITION DE POLYPROPYLENE A EFO BAS
[72] WANG, JINGBO, AT
[72] KNISESEL, CLAUDIA, AT
[72] DOSHEV, PETAR, AT
[72] PRADES, FLORAN, AT
[71] BOREALIS AG, AT
[85] 2018-01-12
[86] 2016-07-27 (PCT/EP2016/067926)
[87] (WO2017/021257)
[30] EP (15179222.3) 2015-07-31

[21] 2,992,386
[13] A1
[51] Int.Cl. C07K 16/18 (2006.01)
[25] EN
[54] HUMANIZED ANTIBODIES
[54] ANTICORPS HUMAINISES
[72] KLEINSCHMIDT, MARTIN, DE
[72] RAHFLIED, JENS-ULRICH, DE
[72] PIECHOTTA, ANKE, DE
[72] SCHILLING, STEPHAN, DE
[72] GILLIES, STEVEN, US
[71] PROBIODRUG AG, DE
[85] 2018-01-12
[86] 2016-07-15 (PCT/EP2016/066924)
[87] (WO2017/009459)
[30] US (62/193,356) 2015-07-16
[30] US (62/209,650) 2015-08-25

[21] 2,992,387
[13] A1
[51] Int.Cl. E21B 34/06 (2006.01)
[25] EN
[54] CASING FOR THE CIRCULATION OF FLUIDS AT THE BOTTOM OF A WELL, WITH A DOWNWARD-FACING OPENING, FOR OIL WELLS
[54] COLONNE DE CIRCULATION DE FLUIDES EN FOND DE PUIT, A OUVERTURE VERS LE BAS, POUR PUIT PETROLIERS
[72] LOPEZ ROBAYO, BYRON RAUL, EC
[71] SERTICPET S.A., EC
[85] 2018-01-12
[86] 2016-07-09 (PCT/IB2016/054129)
[87] (WO2017/009765)
[30] EC (IEPI-2015-30311) 2015-07-14

[21] 2,992,388
[13] A1
[51] Int.Cl. A01F 15/07 (2006.01)
[25] EN
[54] A BALE WRAPPING APPARATUS AND A METHOD FOR WRAPPING A BALE MADE FROM A CROP PRODUCT
[54] APPAREIL D'ENRUBANNAGE DE BALLES ET PROCEDE D'ENRUBANNAGE D'UNE BALLE FABRIQUEE A PARTIR D'UN PRODUIT DE RECOLTE
[72] BAKER, TIM, GB
[71] KVERNELAND GROUP RAVENNA S.R.L., IT
[85] 2018-01-12
[86] 2016-07-28 (PCT/EP2016/068029)
[87] (WO2017/017201)
[30] EP (15178648.0) 2015-07-28

Demandes PCT entrant en phase nationale

[21] 2,992,389
[13] A1

[51] Int.Cl. A61K 38/04 (2006.01) A61K 8/64 (2006.01) A61P 21/00 (2006.01) C07K 7/04 (2006.01) C07K 14/415 (2006.01)

[25] EN

[54] PEPTIDES FOR USE IN PROMOTING TRANSPORT OF GLUCOSE

[54] PEPTIDES DESTINES A FAVORISER TRANSPORT DE GLUCOSE

[72] KHALDI, NORA, IE

[72] LOPEZ, CYRIL, IE

[71] NURITAS LIMITED, IE

[85] 2018-01-12

[86] 2016-07-18 (PCT/EP2016/067098)

[87] (WO2017/009491)

[30] EP (15177018.7) 2015-07-16

[21] 2,992,391
[13] A1

[51] Int.Cl. C03B 23/03 (2006.01) C03B 23/025 (2006.01) C03B 23/035 (2006.01) C03B 35/14 (2006.01)

[25] EN

[54] GLASS BENDING DEVICE AND GLASS BENDING METHOD USING A FAN

[54] DISPOSITIF ET PROCEDE DE CINTRAGE DE VERRE AU MOYEN D'UN VENTILATEUR

[72] BALDUIN, MICHAEL, DE

[72] RADERMACHER, HERBERT, BE

[72] SCHALL, GUNTHER, DE

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2018-01-12

[86] 2016-08-15 (PCT/EP2016/069317)

[87] (WO2017/029252)

[30] EP (15181395.3) 2015-08-18

[21] 2,992,392
[13] A1

[51] Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01) A61F 2/962 (2013.01)

[25] EN

[54] DELIVERY APPARATUS FOR SELF-EXPANDING MEDICAL DEVICE

[54] APPAREIL DE DISTRIBUTION POUR DISPOSITIF MEDICAL AUTO-EXPANSIBLE

[72] MARCHAND, CORALIE, DE

[71] TRICARES, FR

[85] 2018-01-12

[86] 2016-07-20 (PCT/EP2016/067336)

[87] (WO2017/013187)

[30] US (62/194,490) 2015-07-20

[30] EP (15197658.6) 2015-12-02

[21] 2,992,393
[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) C07K 14/705 (2006.01)

[25] EN

[54] AGENTS FOR REDUCING THE ACTIVITY OF GDF15

[54] AGENTS PERMETTANT DE REDUIRE L'ACTIVITE DE GDF15

[72] BLOKZUIJ, OLOF ANDRIES, SE

[72] FREDRIKSSON, JOHAN ERIK SIMON, SE

[71] GENAGON THERAPEUTICS AB, SE

[85] 2018-01-12

[86] 2016-07-20 (PCT/EP2016/067338)

[87] (WO2017/013188)

[30] GB (1512733.5) 2015-07-20

[21] 2,992,394
[13] A1

[51] Int.Cl. G06F 17/13 (2006.01)

[25] EN

[54] COMPUTER IMPLEMENTED METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR SIMULATING THE BEHAVIOR OF A KNITTED FABRIC AT YARN LEVEL

[54] METHODE MISE EN OEUVRE PAR ORDINATEUR, SYSTEME ET PRODUIT PROGRAMME D'ORDINATEUR POUR SIMULER LE COMPORTEMENT D'UN TISSU TISSE AU NIVEAU DU FIL

[72] CIRIO, GABRIEL, ES

[72] OTADUY TRISTAN, MIGUEL ANGEL, ES

[72] LOPEZ MORENO, JORGE, ES

[71] UNIVERSIDAD REY JUAN CARLOS, ES

[85] 2018-01-12

[86] 2016-07-15 (PCT/ES2016/070535)

[87] (WO2017/009514)

[30] ES (P201531038) 2015-07-15

[21] 2,992,395
[13] A1

[51] Int.Cl. E05F 15/689 (2015.01) E05F 11/38 (2006.01)

[25] EN

[54] ASSEMBLY HAVING A WINDOW SUPPORT FOR A VEHICLE WINDOW

[54] UNITE STRUCTURELLE POUR VUE D'UN SUPPORT DE VITRE DE VEHICULE

[72] REUL, BERNHARD, DE

[72] WERNER, KATJA, DE

[72] KLEIN, MARCEL, DE

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2018-01-12

[86] 2016-08-15 (PCT/EP2016/069318)

[87] (WO2017/029253)

[30] EP (15181081.9) 2015-08-14

PCT Applications Entering the National Phase

[21] 2,992,396
[13] A1
[51] Int.Cl. B65D 75/36 (2006.01)
[25] EN
[54] BLISTER PACK FOR BUTTON BATTERY
[54] EMBALLAGE-COQUE POUR PILE BOUTON
[72] MEIER, THOMAS, CH
[72] WEBER, ERIC, CH
[72] RENGGLI, URS, CH
[71] RENATA AG, CH
[85] 2018-01-12
[86] 2016-07-21 (PCT/EP2016/067370)
[87] (WO2017/013196)
[30] EP (15177676.2) 2015-07-21

[21] 2,992,398
[13] A1
[51] Int.Cl. B32B 17/10 (2006.01) F21V 33/00 (2006.01) G02B 6/00 (2006.01)
[25] EN
[54] COMPOSITE PANE WITH ILLUMINATION
[54] VITRE FEUILLETEE A ECLAIRAGE
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[72] BAYER, HERBERT, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-01-12
[86] 2016-08-15 (PCT/EP2016/069323)
[87] (WO2017/029254)
[30] EP (15181016.5) 2015-08-14

[21] 2,992,399
[13] A1
[51] Int.Cl. B60W 30/17 (2012.01) B60K 31/00 (2006.01) B60W 30/14 (2006.01)
[25] EN
[54] STARTING CONTROL DEVICE AND STARTING CONTROL METHOD
[54] DISPOSITIF DE COMMANDE DE DEMARRAGE ET PROCEDE DE COMMANDE DE DEMARRAGE
[72] SUGANO, TAKESHI, JP
[72] TAKAE, YASUHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-12
[86] 2015-07-14 (PCT/JIP2015/070098)
[87] (WO2017/009940)

[21] 2,992,400
[13] A1
[51] Int.Cl. H04N 21/242 (2011.01) H04N 21/43 (2011.01)
[25] EN
[54] SYSTEMS AND METHODS FOR COMMUNICATING TIME REPRESENTATIONS
[54] SYSTEMES ET PROCEDES PERMETTANT DE COMMUNIQUER DES REPRESENTATIONS DE TEMPS
[72] NG, SIEAU, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-01-12
[86] 2016-08-10 (PCT/JIP2016/003703)
[87] (WO2017/029794)
[30] US (62/205,564) 2015-08-14
[30] US (62/210,859) 2015-08-27

[21] 2,992,401
[13] A1
[51] Int.Cl. B23K 35/26 (2006.01) B23K 35/22 (2006.01) C22C 13/02 (2006.01)
[25] EN
[54] SOLDER ALLOY, SOLDER PASTE, AND ELECTRONIC CIRCUIT BOARD
[54] ALLIAGE DE SOUDAGE, PATE DE SOUDAGE, ET CARTE DE CIRCUIT ELECTRONIQUE
[72] IKEDA, KAZUKI, JP
[72] INOUE, KOSUKE, JP
[72] ICHIKAWA, KAZUYA, JP
[72] TAKEMOTO, TADASHI, JP
[71] HARIMA CHEMICALS, INCORPORATED, JP
[85] 2018-01-12
[86] 2016-07-08 (PCT/JIP2016/070270)
[87] (WO2017/018167)
[30] JP (2015-146520) 2015-07-24

[21] 2,992,403
[13] A1
[51] Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61P 43/00 (2006.01)
[25] EN
[54] METHOD FOR MANUFACTURING NITROGEN-CONTAINING HETEROCYCLIC COMPOUND AND INTERMEDIATE OF SAME
[54] PROCEDE DE PRODUCTION D'UN COMPOSE HETEROCYCLIQUE CONTENANT DE L'AZOTE ET INTERMEDIAIRE DUDIT COMPOSE HETEROCYCLIQUE CONTENANT DE L'AZOTE
[72] NAGATO, YUSUKE, JP
[72] MIZUMOTO, SHINSUKE, JP
[72] MURAKAMI, TATSUYA, JP
[72] TANAKA, TOMOYUKI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-01-12
[86] 2016-07-14 (PCT/JIP2016/070758)
[87] (WO2017/010535)
[30] JP (2015-141034) 2015-07-15

[21] 2,992,405
[13] A1
[51] Int.Cl. G08G 1/16 (2006.01) H04N 5/225 (2006.01)
[25] EN
[54] TRAFFIC LIGHT RECOGNITION DEVICE AND TRAFFIC LIGHT RECOGNITION METHOD
[54] DISPOSITIF DE RECONNAISSANCE DE FEU DE CIRCULATION ET PROCEDE DE RECONNAISSANCE DE FEU DE CIRCULATION
[72] YAMANOI, DAIKI, JP
[72] MATSUO, HARUO, JP
[72] OKI, TAKAHIKO, JP
[72] SUZUKI, AKIRA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-12
[86] 2015-07-13 (PCT/JIP2015/070042)
[87] (WO2017/009934)

Demandes PCT entrant en phase nationale

[21] **2,992,406**
[13] A1

[51] **Int.Cl. C07D 401/00 (2006.01) A61K 31/4365 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01)**

[25] EN

[54] **INDAZOLE AND AZAINDAZOLE COMPOUNDS AS IRAK-4 INHIBITORS**

[54] **COMPOSES D'INDAZOLE ET D'AZAINDAZOLE A TITRE D'INHIBITEURS D'IRAK-4**

[72] GUMMADI, VENKATESHIWAR RAO, IN

[72] SAMAJDAR, SUSANTA, IN

[72] MUKHERJEE, SUBHENDU, IN

[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN

[85] 2018-01-12

[86] 2016-07-14 (PCT/IB2016/054203)

[87] (WO2017/009798)

[30] IN (3630/CH/2015) 2015-07-15

[21] **2,992,407**
[13] A1

[51] **Int.Cl. A61K 31/573 (2006.01) A61P 15/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **ESTROGEN RECEPTOR .BETA. PARTIAL AGONIST HAVING ESTROGEN RECEPTOR .ALPHA. INHIBITORY EFFECT, AND GYNECOLOGICAL DISEASE THERAPEUTIC AGENT USING SAME**

[54] **AGONISTE PARTIEL DU RECEPTEUR BETA AUX ESTROGENES POSSEDANT UNE ACTIVITE INHIBITRICE DU RECEPTEUR ALPHA AUX ESTROGENES, ET AGENT THERAPEUTIQUE CONTRE LES TROUBLES GYNECOLOGIQUES UTILISANT CES DERNIERS**

[72] NAKAO, KENICHIRO, JP

[72] HARADA, TASUKU, JP

[72] TANIGUCHI, FUMINORI, JP

[71] NOBEL PHARMA CO., LTD., JP

[71] NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY, JP

[85] 2018-01-12

[86] 2016-07-13 (PCT/JP2016/070687)

[87] (WO2017/010515)

[30] JP (2015-140620) 2015-07-14

[21] **2,992,408**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/429 (2006.01) A61K 31/4545 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED AZA COMPOUNDS AS IRAK-4 INHIBITORS**

[54] **COMPOSES AZA SUBSTITUES COMME INHIBITEURS DE L'IRAK-4**

[72] GUMMADI, VENKATESHIWAR RAO, IN

[72] SAMAJDAR, SUSANTA, IN

[72] MUKHERJEE, SUBHENDU, IN

[72] BOCK, MARK GARY, US

[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN

[85] 2018-01-12

[86] 2016-07-15 (PCT/IB2016/054229)

[87] (WO2017/009806)

[30] IN (3631/CH/2015) 2015-07-15

[30] IN (3632/CH/2015) 2015-07-15

[21] **2,992,410**
[13] A1

[51] **Int.Cl. C07D 251/22 (2006.01) A61K 31/53 (2006.01) A61K 45/00 (2006.01) A61P 9/10 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **HYDROXYTRIAZINE COMPOUNDS AND PHARMACEUTICAL USE THEREOF**

[54] **COMPOSE D'HYDROXYTRIAZINE ET SON UTILISATION EN MEDECINE**

[72] MITANI, IKUO, JP

[72] HIRONO, YUTARO, JP

[72] YAMASHITA, MASAKI, JP

[71] JAPAN TOBACCO INC., JP

[85] 2018-01-12

[86] 2016-08-16 (PCT/JP2016/073879)

[87] (WO2017/030115)

[30] JP (2015-160284) 2015-08-17

[21] **2,992,412**
[13] A1

[51] **Int.Cl. B65G 1/04 (2006.01) B65G 63/00 (2006.01) B66C 1/28 (2006.01)**

[25] EN

[54] **RAISING/LOWERING CONVEYANCE DEVICE FOR CONTAINER FOR CONVEYING ARTICLE**

[54] **DISPOSITIF DE TRANSPORT AVEC ELEVATION/ABAISSMENT DE CONTENEURS POUR TRANSPORT DE MARCHANDISES**

[72] OGAWA, KAZUKI, JP

[71] DAIFUKU CO., LTD., JP

[85] 2018-01-12

[86] 2016-08-19 (PCT/JP2016/074179)

[87] (WO2017/033845)

[30] JP (2015-164371) 2015-08-24

[21] **2,992,414**
[13] A1

[51] **Int.Cl. A61D 19/04 (2006.01) C12N 5/073 (2010.01)**

[25] EN

[54] **CRYOPRESERVING UNGULATE EMBRYOS**

[54] **CRYOCONSERVATION D'EMBRYONS D'ONGULES**

[72] SANCHES, BRUNO VALENTE, BR

[71] GENUS PLC, GB

[85] 2018-01-12

[86] 2016-07-13 (PCT/IB2016/001112)

[87] (WO2017/009713)

[30] US (62/192,544) 2015-07-14

[21] **2,992,415**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/06 (2012.01)**

[25] EN

[54] **AUTOMATIC ASSIGNING METHOD AND SYSTEM OF PERIODIC INSPECTION SCHEDULE**

[54] **PROCEDE ET SYSTEME D'ATTRIBUTION AUTOMATIQUE DE PROGRAMME D'INSPECTION PERIODIQUE**

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[72] DEKAMO, SHINGO, JP

[71] NIPPON GAS CO., LTD., JP

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[25] EN
[54] CONNECTION SYSTEM SUITED TO CONNECT A PLASMA CUTTING TORCH TO A GENERATOR
[54] SYSTEME DE RACCORDEMENT APPROPRIE POUR RELIER UNE TORCHE DE COUPE A PLASMA A UN GENERATEUR
[72] CARLETTI, CLAUDIO, IT
[72] SIMIONI, UGO, IT
[72] IML, ATTILIO, IT
[71] TRAFIMET GROUP S.P.A., IT
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[25] EN
[54] METHOD FOR THE REDUCTION OF HOST CELL PROTEINS IN AFFINITY CHROMATOGRAPHY
[54] PROCEDE DE REDUCTION DE PROTEINES DE CELLULES HOTES DANS LA CHROMATOGRAPHIE D'AFFINITE
[72] McDONALD, PAUL, US
[72] ST. JOHN, RICHARD, US
[72] WONG, MARC, US
[72] FALKENSTEIN, ROBERTO, DE
[72] KOEHLINLEIN, WOLFGANG, DE
[72] SCHWENDNER, KLAUS, DE
[72] SPENSBERGER, BERNHARD, DE
[72] WIEDMANN, MICHAEL, DE
[72] ZETTL, FRANK, DE
[72] KLEINJANS, ANNIKA, DE
[72] KOPP, CARINA, DE
[72] TRAN, BENJAMIN, US
[72] ERICKSON, RYAN, US
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[71] GENENTECH, INC., US
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[25] EN
[54] PROCESSES FOR PRODUCING HIGH BIOGENIC CONCENTRATION FISCHER-TROPSCH LIQUIDS DERIVED FROM MUNICIPAL SOLID WASTES (MSW) FEEDSTOCKS
[54] PROCEDES DE PRODUCTION DE LIQUIDES DE FISCHER-TROPSCH A HAUTE CONCENTRATION BIOGENIQUE ISSUS DE CHARGES D'ALIMENTATION CONSTITUEES DE DECHETS SOLIDES MUNICIPAUX (DSM)
[72] LUCAS, STEPHEN H., US
[72] TIVERIOS, PETER G., US
[72] RICH, LEWIS L., US
[71] FULCRUM BIOENERGY, INC., US
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[25] EN
[54] AFFINITY CHROMATOGRAPHY DEVICES
[54] DISPOSITIFS DE CHROMATOGRAPHIE D'AFFINITE
[72] McMANAWAY, MICHAEL C., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2018-01-12
[86] 2016-04-11 (PCT/US2016/026863)
[87] (WO2017/014817)
[30] US (62/194,620) 2015-07-20
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[25] EN
[54] EXERCISE APPARATUS
[54] APPAREIL D'EXERCICE
[72] RAYMAN, ERIKA, US
[72] COWAN, DAVID, US
[71] SCULPTED PARTNERS LLC, US
[85] 2018-01-12
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[51] Int.Cl. A01C 21/00 (2006.01)
[25] EN
[54] GENERATING DIGITAL MODELS OF NUTRIENTS AVAILABLE TO A CROP OVER THE COURSE OF THE CROP'S DEVELOPMENT BASED ON WEATHER AND SOIL DATA
[54] GENERATION DE MODELES NUMERIQUES DE NUTRIMENTS DISPONIBLES POUR UNE PLANTE CULTIVEE AU COURS DU DEVELOPPEMENT DE LA PLANTE, BASEE SUR DES DONNEES METEOROLOGIQUES ET DU SOL
[72] GATES, JOHN, US
[72] DE GRUYE, STEVEN, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-01-12
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[54] **USES OF CANNABIDIOL FOR TREATMENT OF INFANTILE SPASMS**

[54] **UTILISATION DE CANNABIDIOL POUR LE TRAITEMENT DE SPASMES INFANTILES**

[72] SANKAR, RAMAN, US

[72] HUSSAIN, SHAUN A., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

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[25] EN

[54] **INCREMENTAL HYDROGEN PRODUCTION FROM AN EXISTING STEAM/NATURAL GAS REFORMER**

[54] **PRODUCTION INCREMENTIELLE D'HYDROGENE A PARTIR D'UN REFORMEUR EXISTANT A VAPEUR/GAZ NATUREL**

[72] ALLAM, RODNEY J., GB

[71] GILPETROL, L.L.C., US

[85] 2018-01-12

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[54] **DATA MODEL FOR HOME AUTOMATION**

[54] **MODELE DE DONNEES POUR LA DOMOTIQUE**

[72] SUNDERMEYER, KEN, US

[72] GATES, COREY, US

[72] DECENZO, CHRIS, US

[72] DAWES, PAUL J., US

[72] WOOD, AARON, US

[72] GUPTA, ABHAY, US

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[54] **COMPOSITIONS DE POLYESTER DESOXYGENANTES POUR RECIPIENTS**

[72] FERRARI, GIANLUCA, IT

[72] BLACK, D. JEFFREY, US

[71] M&G USA CORPORATION, US

[85] 2018-01-12

[86] 2016-06-10 (PCT/US2016/037016)

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[13] A1

[51] **Int.Cl. E01H 5/09 (2006.01) E01H 5/04 (2006.01)**

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[54] **SOUFFLEUSE A NEIGE AYANT UNE ROUE A AUBES A VITESSES MULTIPLES**

[72] SCHAEFLER, AXEL, US

[71] MTD PRODUCTS INC, US

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[25] EN

[54] **POLYESTER BLENDS WITH IMPROVED OXYGEN SCAVENGING ABILITY**

[54] **MELANGES DE POLYESTERS AYANT UNE CAPACITE DE CAPTATION DE L'OXYGENE AMELIOREE**

[72] FERRARI, GIANLUCA, IT

[72] BLACK, D. JEFFREY, US

[71] M&G USA CORPORATION, US

[85] 2018-01-12

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[25] EN
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[54] SYSTEMES MICROFLUIDIQUES RECONFIGURABLES ET DOSAGES IMMUNOLOGIQUES MULTIPLEXES ECHELONNABLES
[72] JIAO, HONG, US
[72] JENSEN, ERIK C., US
[72] MEHRABANI, HOMAYUN, US
[72] HALLER, LIRAN YOSEF, US
[71] IJ SCIENCE & TECHNOLOGY, INC., US
[85] 2018-01-12
[86] 2016-06-29 (PCT/US2016/040071)
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[54] MELANGES DE POLYESTER PIEGEANT L'OXYGENE PRESENTANT DES CARACTERISTIQUES ESTHETIQUES AMELIOREES
[72] FERRARI, GIANLUCA, IT
[72] BLACK, D. JEFFREY, US
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[54] OPTIMIZATION OF EXCITATION SOURCE PLACEMENT FOR DOWNHOLE RANGING AND TELEMTRY OPERATIONS
[54] OPTIMISATION DE POSITIONNEMENT DE SOURCE D'EXCITATION POUR OPERATIONS DE TELEDETECTION ET DE TELEMETRIE DE FOND DE Puits
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] FAN, YIJING, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] Int.Cl. E21B 47/022 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)
[25] EN
[54] PASSIVE RANGING USING ACOUSTIC ENERGY ORIGINATING FROM A TARGET WELLBORE
[54] TELEMETRIE PASSIVE UTILISANT L'ENERGIE ACOUSTIQUE PROVENANT D'UN Puits DE FORAGE CIBLE
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[72] CUTHBERT, ANDREW JOHN, US
[72] HESS, JOE ELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2015-09-10 (PCT/US2015/049408)
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[25] EN
[54] ADAPTER FOR RETINAL IMAGING USING A HAND HELD COMPUTER
[54] ADAPTATEUR DESTINE A UNE IMAGERIE RETINIENNE A L'AIDE D'UN ORDINATEUR DE POCHE
[72] MYUNG, DAVID, US
[72] POLKINHORNE, DAVID NICHOLAS, US
[72] ARNETT, BENJAMIN SCOTT, US
[72] HULME, GARY B., US
[72] KOURTIS, IRAKLIS, US
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[72] ZHOU, HUI, US
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[54] **SYSTEMES MICROFLUIDIQUES RECONFIGURABLES : DOSAGES HOMOGENES**
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[72] JENSEN, ERIK C., US
[72] MEHRABANI, HOMAYUN, US
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[54] **SYSTEME DE TRANSFERT DE CHALEUR A DEUX ETAGES ET PROCEDE POUR L'UTILISER**
[72] HOWARD, DAVID, US
[72] LAUR, AUSTEN, US
[71] UNITHERM FOOD SYSTEMS, LLC., US
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[54] **SYSTEMS AND METHODS FOR PRODUCING A FOAMABLE AND/OR FLOWABLE MATERIAL FOR CONSUMPTION**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'UNE MATIERE EXPANSIBLE ET/OU FLUIDE DESTINEE A LA CONSOMMATION**
[72] RAYNER, GARY, US
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[54] **SYSTEM AND METHOD FOR CONTROLLING AN ULTRASONIC TOOL**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'OUTIL ULTRASONORE**
[72] DOWNEY, ADAM DARWIN, US
[71] STRYKER CORPORATION, US
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[54] **SYSTEME OPTIQUE CHIRURGICAL AVEC AFFICHAGE TETE HAUTE**
[72] BEYLIN, SIMON, US
[72] KANG, MICHAEL J., US
[72] PAGONIS, TOM C., US
[72] YOUNG, ERIC W., US
[71] TSME, LLC, US
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[30] US (62/192,351) 2015-07-14

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[25] EN
[54] **MEDICAL ACCESS PORTS, TRANSFER DEVICES AND METHODS OF USE THEREOF**
[54] **ORIFICES D'ACCES MEDICAL, DISPOSITIFS DE TRANSFERT ET PROCEDES POUR LEUR UTILISATION**
[72] BUTZIGER, JOHN M., US
[72] TALLARIDA, STEVEN J., US
[72] MURPHY, RONALD P., US
[71] VERSAGO VASCULAR ACCESS, INC., US
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[54] CARTOUCHE RENFORCEE
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[72] FITZWATER, KELLY R., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] PROCEDE DE LITHOGRAPHIE PERMETTANT L'ENCAPSULATION DE REVETEMENTS DE FILMS MINCES A MOTIFS
[72] LOVELADY, HEATHER, US
[72] VARGHESE, RONNIE, US
[71] PIXELTEQ, INC., US
[85] 2018-01-12
[86] 2016-07-15 (PCT/US2016/042419)
[87] (WO2017/011723)
[30] US (62/193,174) 2015-07-16
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[25] EN
[54] DOWNHOLE STINGER GEOTECHNICAL SAMPLING AND IN SITU TESTING TOOL
[54] ECHANTILLONNAGE GEOTECHNIQUE DE RAMPE DE POSE DE FOND DE TROU ET OUTIL D'ESSAI IN SITU
[72] HOLLOWAY, GEORGE LEON, US
[71] CONOCOPHILLIPS COMPANY, US
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[25] EN
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[54] EMBALLAGE CHAUFFANT A MICRO-ONDES AVEC BLINDAGE POLARISE
[72] RESURRECCION, FERMIN P., JR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[30] US (62/282,794) 2015-08-11

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[51] Int.Cl. C12Q 1/68 (2018.01) G01N 33/68 (2006.01)
[25] EN
[54] SIMULTANEOUS QUANTIFICATION OF A PLURALITY OF PROTEINS IN A USER-DEFINED REGION OF A CROSS-SECTIONED TISSUE
[54] QUANTIFICATION SIMULTANEE D'UNE PLURALITE DE PROTEINES DANS UNE REGION DEFINIE PAR L'UTILISATEUR D'UN TISSU EN COUPE TRANSVERSALE
[72] BEECHER, JOSEPH M., US
[72] MILLS, GORDON, US
[72] WARREN, CHARLES, US
[72] MERRITT, CHRIS, US
[72] JUNG, JAEMYEONG, US
[72] DUNAWAY, DWAYNE L., US
[72] CROWDER, SCOTT, US
[71] NANOSTRING TECHNOLOGIES, INC., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[30] US (62/193,819) 2015-07-17
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[51] Int.Cl. C02F 1/00 (2006.01) B01J 19/08 (2006.01) C01B 5/02 (2006.01) C02F 3/12 (2006.01) C02F 9/02 (2006.01) C02F 11/00 (2006.01)
[25] EN
[54] ACOUSTIC PRESSURE SHOCK WAVE DEVICES AND METHODS FOR FLUIDS PROCESSING
[54] DISPOSITIFS A ONDES DE CHOC DE PRESSION ACOUSTIQUE ET PROCEDES DE TRAITEMENT DE FLUIDES
[72] CIOANTA, IULIAN, US
[72] JACKSON, JOHN, US
[71] SANUWAVE, INC., US
[85] 2018-01-12
[86] 2016-08-08 (PCT/US2016/045999)
[87] (WO2017/027457)
[30] US (62/202,455) 2015-08-07

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[21] **2,992,483**
[13] A1

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **QUANTITATIVE PERI-ORBITAL APPLICATION OF OPHTHALMOLOGY DRUGS**
[54] **APPLICATION PERIORBITAIRE QUANTITATIVE DE MEDICAMENTS OPHTALMIQUES**
[72] WOODWARD, DAVID, US
[72] WANG, WEIZHEN, US
[71] JENIVISION INC., US
[85] 2018-01-12
[86] 2016-08-17 (PCT/US2016/047230)
[87] (WO2017/031137)
[30] US (14/829,789) 2015-08-19

[21] **2,992,486**
[13] A1

[51] **Int.Cl. B29C 45/78 (2006.01)**
[25] EN
[54] **METHOD FOR INJECTION MOLDING USING REDUCED MELT TEMPERATURES**
[54] **PROCEDE POUR LE MOULAGE PAR INJECTION UTILISANT DES TEMPERATURES DE MASSE FONDUE REDUITES**
[72] HANSON, KENNETH H., III, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2018-01-12
[86] 2016-08-24 (PCT/US2016/048277)
[87] (WO2017/035180)
[30] US (62/210,525) 2015-08-27

[21] **2,992,488**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/195 (2006.01)**
[25] EN
[54] **OCHROBACTRUM-MEDIATED TRANSFORMATION OF PLANTS**
[54] **TRANSFORMATION DE PLANTES MEDIEE PAR OCHROBACTRUM**
[72] ANAND, AJITH, US
[72] BASS, STEVEN HENRY, US
[72] BERTAIN, SEAN M., US
[72] CHO, HYEON-JE, US
[72] KINNEY, ANTHONY J., US
[72] KLEIN, THEODORE M., US
[72] LASSNER, MICHAEL, US
[72] MCBRIDE, KEVIN E., US
[72] MOY, YORK, US
[72] ROSEN, BARABARA ANN MARIE, US
[72] WEI, JUN-ZHI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-01-12
[86] 2016-08-26 (PCT/US2016/049135)
[87] (WO2017/040343)
[30] US (62/211,267) 2015-08-28

[21] **2,992,489**
[13] A1

[51] **Int.Cl. B27M 1/02 (2006.01) B27N 3/00 (2006.01) B32B 27/04 (2006.01)**
[25] EN
[54] **MANUFACTURED WOOD PRODUCTS AND METHODS OF PRODUCTION**
[54] **PRODUITS EN BOIS FABRIQUES ET PROCEDES DE PRODUCTION**
[72] LEWIS, DAVID A., AU
[72] CAMPBELL, JONATHAN ANDREW, AU
[72] NORMAN, REBECCA ESTHER, AU
[71] 3RT HOLDING PTY LTD, AU
[85] 2018-01-15
[86] 2016-07-22 (PCT/AU2016/000262)
[87] (WO2017/011857)
[30] AU (2015902938) 2015-07-23

[21] **2,992,491**
[13] A1

[51] **Int.Cl. C10L 1/02 (2006.01) B01D 17/04 (2006.01) C07C 67/08 (2006.01) C11C 3/04 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR BIODIESEL PRODUCTION THROUGH THE APPLICATION OF SALINE DEMULSIFICATION, DISTILLATION AND ESTERIFICATION STAGES OF FATTY ACIDS AND DERIVATIVES**
[54] **PROCEDE INTEGRE POUR LA PRODUCTION DE BIODIESEL PAR APPLICATION DES ETAPES DE DESEMULSIFICATION SALINE, DE DISTILLATION ET D'ESTERIFICATION D'ACIDES GRAS ET DE LEURS DERIVES**
[72] OLIVEIRA, LUCIANO BASTO, BR
[72] DE MIRANDA, HUGO VILLELA, BR
[72] PEDROSO, LUIZ ROBERTO MARTINS, BR
[71] ECO 100 DESENVOLVIMENTO SUSTENTADO LTDA - ME, BR
[71] COMPANHIA ESTADUAL DE AGUAS E ESGOSTOS - CEDAE, BR
[85] 2018-01-15
[86] 2016-07-11 (PCT/BR2016/050160)
[87] (WO2017/008135)
[30] BR (BR 102015017003-3) 2015-07-16

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[13] A1
[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] **SIMULTANEOUS
QUANTIFICATION OF GENE
EXPRESSION IN A USER-
DEFINED REGION OF A CROSS-
SECTIONED TISSUE**
[54] **QUANTIFICATION SIMULTANEE
DE L'EXPRESSION GENIQUE
DANS UNE REGION DEFINIE PAR
L'UTILISATEUR D'UN TISSU EN
COUPE TRANSVERSALE**
[72] BEECHEM, JOSEPH M., US
[72] WARREN, CHARLES, US
[72] MERRITT, CHRIS, US
[72] JUNG, JAEMYEONG, US
[72] DUNAWAY, DWAYNE L., US
[72] CROWDER, SCOTT, US
[72] SORG, KRISTINA, US
[71] NANOSTRING TECHNOLOGIES,
INC., US
[85] 2018-01-12
[86] 2016-07-15 (PCT/US2016/042460)
[87] (WO2017/015099)
[30] US (62/193,809) 2015-07-17
[30] US (62/261,657) 2015-12-01
[30] US (62/277,289) 2016-01-11
[30] US (62/323,023) 2016-04-15

[21] 2,992,494
[13] A1
[51] Int.Cl. A61K 31/22 (2006.01) A61K
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(2006.01) C07C 22/02 (2006.01) C07C
25/13 (2006.01) C07C 69/157
(2006.01)
[25] EN
[54] **FLOURINATED CBD
COMPOUNDS, COMPOSITIONS
AND USES THEREOF**
[54] **COMPOSES DE CBD FLUORES,
COMPOSITIONS ET LEURS
UTILISATIONS**
[72] MECHOULAM, RAPHAEL, IL
[72] BREUER, AVIVA, IL
[72] PEREIRA KAPCZINSKI, FLAVIO, BR
[72] DE SOUZA CRIPPA, JOSE
ALEXANDRE, BR
[72] ZUARDI, ANTONIO WALDO, BR
[72] CECILIO HALLAK, JAIME
EDUARDO, BR
[72] SILVEIRA GUIMARAES,
FRANCISCO, BR
[71] YISSUM RESEARCH
DEVELOPMENT COMPANY OF
THE HEBREW UNIVERSITY OF
JERUSALEM LTD., IL
[71] UNIVERSIDADE FEDERAL DO RIO
GRANDE DO SUL - UFRGS, BR
[71] UNIVERSIDADE DE SAO PAULO -
USP, BR
[85] 2018-01-15
[86] 2016-07-15 (PCT/BR2016/050162)
[87] (WO2017/008136)
[30] US (62/193,296) 2015-07-16
[30] US (62/255,738) 2015-11-16

[21] 2,992,497
[13] A1
[51] Int.Cl. C12P 19/14 (2006.01) C07H
3/04 (2006.01) C12N 9/38 (2006.01)
C12P 19/00 (2006.01)
[25] EN
[54] **METHOD FOR PRODUCING
GALACTOOLIGOSACCHARIDES
FROM LACTOSE**
[54] **PROCEDE DE PRODUCTION DE
GALACTO-OLIGOSACCHARIDES
A PARTIR DE LACTOSE**
[72] TOMIUK, STEPHEN, CA
[71] VITALUS NUTRITION INC., CA
[85] 2018-01-15
[86] 2017-01-12 (PCT/CA2017/050042)
[87] (WO2017/120678)
[30] US (62/277,838) 2016-01-12

[21] 2,992,498
[13] A1
[51] Int.Cl. C08F 220/10 (2006.01) C09D
133/04 (2006.01)
[25] EN
[54] **A COATING ADDITIVE**
[54] **ADDITIF DE REVETEMENT**
[72] FAN, LIQIANG, CN
[72] WANG, RUI, CN
[72] XU, JIANMING, CN
[71] DOW GLOBAL TECHNOLOGIES
LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-01-15
[86] 2015-07-20 (PCT/CN2015/084426)
[87] (WO2017/011972)

[21] 2,992,496
[13] A1
[51] Int.Cl. C08L 95/00 (2006.01) C08L
91/00 (2006.01) C08L 101/00 (2006.01)
[25] EN
[54] **BIOBASED ASPHALT
REJUVENATING EMULSION**
[54] **EMULSION DE REGENERATION
DE BITUME D'ORIGINE
BIOLOGIQUE**
[72] BAUMGARDNER, GAYLON L., US
[72] MORRIS, PAUL A., US
[72] SHEALEY, JOEL B., US
[72] GRUBBA, WILLIAM E., US
[71] ERGON ASPHALT & EMULSIONS,
INC., US
[85] 2018-01-12
[86] 2016-07-15 (PCT/US2016/042495)
[87] (WO2017/011747)
[30] US (62/192,930) 2015-07-15
[30] US (62/262,701) 2015-12-03

[21] 2,992,499
[13] A1
[51] Int.Cl. C09D 17/00 (2006.01)
[25] EN
[54] **AN AQUEOUS COATING
COMPOSITION**
[54] **COMPOSITION DE REVETEMENT
AQUEUSE**
[72] WANG, TAO, CN
[72] LIU, DAN, CN
[72] WANG, TAO, AU
[71] ROHM AND HASS COMPANY, US
[85] 2018-01-15
[86] 2015-07-21 (PCT/CN2015/084604)
[87] (WO2017/012033)

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[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01) A61J 15/00 (2006.01)**

[25] EN

[54] **ENTERAL ADAPTOR COUPLINGS**

[54] **RACCORDS D'ADAPTATION ENTERAUX**

[72] DAVIS, BENJAMIN M., US

[72] INGRAM, AARON N., US

[72] COSTELLO, MARK M., IE

[72] BURKE, JOHN, IE

[71] NEOMED, INC., US

[85] 2018-01-12

[86] 2016-07-15 (PCT/US2016/042514)

[87] (WO2017/011754)

[30] US (62/192,759) 2015-07-15

[30] US (62/207,123) 2015-08-19

[21] **2,992,502**
[13] A1

[51] **Int.Cl. C22B 34/12 (2006.01) C22B 5/04 (2006.01) C22C 1/04 (2006.01) C22C 14/00 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING TITANIUM OR TITANIUM ALUMINUM ALLOY AND BYPRODUCTS-TITANIUM-FREE CRYOLITE THROUGH TWO-STAGE ALUMINOTHERMIC REDUCTION**

[54] **PROCEDE DE PREPARATION D'UN ALLIAGE DE TITANE OU DE TITANE ET D'ALUMINIUM ET D'UN SOUS-PRODUIT A BASE DE CRYOLITHE SANS TITANE PAR REDUCTION ALUMINOTHERMIQUE A DEUX ETAGES**

[72] FENG, NAIXIANG, CN

[72] ZHAO, KUN, CN

[72] WANG, YAOWU, CN

[72] PENG, JIANPING, CN

[72] DI, YUEZHONG, CN

[71] NORTHEASTERN UNIVERSITY, CN

[71] SHENYANG BEIYE METALLURGICAL TECHNOLOGY CO., LTD, CN

[85] 2018-01-15

[86] 2015-09-09 (PCT/CN2015/089228)

[87] (WO2017/012185)

[30] CN (201510420032.1) 2015-07-17

[21] **2,992,503**
[13] A1

[51] **Int.Cl. E21D 11/38 (2006.01) E04C 1/41 (2006.01) E21D 11/08 (2006.01)**

[25] EN

[54] **PROTECTIVE ELEMENT WITH DRAINAGE, FOR CONNECTING TO A CONCRETE ELEMENT OF A TUNNEL EXTENSION**

[54] **ELEMENT DE PROTECTION DESTINE A ETRE RELIE A UN ELEMENT EN BETON D'UNE CONSTRUCTION DE TUNNEL PRESENTANT UN DRAINAGE**

[72] RIECHERS, JORG, DE

[71] HERRENKNECHT AG, DE

[85] 2018-01-15

[86] 2016-07-15 (PCT/EP2016/001245)

[87] (WO2017/008913)

[30] DE (10 2015 009 063.1) 2015-07-16

[21] **2,992,504**
[13] A1

[51] **Int.Cl. B65B 43/14 (2006.01) B65B 43/20 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF DISCHARGING A TUBULAR STORAGE ASSEMBLY**

[54] **SYSTEME ET PROCEDE DE REJET D'UN ENSEMBLE DE STOCKAGE TUBULAIRE**

[72] GEBBINK, JEROEN GERRIT ANTON, NL

[72] VERHOEVEN, STIJN ANTONIUS PETRUS, NL

[71] FUJI SEAL INTERNATIONAL, INC., JP

[85] 2018-01-15

[86] 2016-05-27 (PCT/EP2016/062084)

[87] (WO2017/032470)

[30] NL (2015348) 2015-08-25

[21] **2,992,505**
[13] A1

[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/04 (2006.01) A61K 8/27 (2006.01) A61K 8/46 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01)**

[25] EN

[54] **IN-SITU PROCESS FOR MAKING A SMALL PARTICLE NARROW DISTRIBUTION FATTY ACYL ISETHIONATE IN OIL COMPOSITION**

[54] **PROCEDE IN-SITU POUR LA FABRICATION D'UNE COMPOSITION D'ISETHIONATE D'ACYLE GRAS A DISTRIBUTION ETROITE ET A PETITES PARTICULES DANS DE L'HUILE**

[72] SHILOACH, ANAT, US

[72] WINTERS, JOHN ROBERT, US

[72] AHTCHI-ALI, BADREDDINE, US

[71] UNILEVER PLC, GB

[85] 2018-01-15

[86] 2016-07-08 (PCT/EP2016/066370)

[87] (WO2017/009267)

[30] EP (15177092.2) 2015-07-16

[30] EP (15177102.9) 2015-07-16

[21] **2,992,506**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01)**

[25] EN

[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST EPITHELIAL OVARIAN CANCER AND OTHER CANCERS**

[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE LE CANCER OVARIEN EPITHELIAL ET D'AUTRES CANCERS**

[72] SCHUSTER, HEIKO, DE

[72] PEPER, JANET, DE

[72] WAGNER, PHILIPP, DE

[72] RAMMENSEE, HANS-GEORG, DE

[71] IMMATICS BIOTECHNOLOGIES GMBH, DE

[85] 2018-01-15

[86] 2016-07-14 (PCT/EP2016/066706)

[87] (WO2017/009400)

[30] GB (1512369.8) 2015-07-15

[30] US (62/192,670) 2015-07-15

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[21] 2,992,507
[13] A1
[51] Int.Cl. H02J 50/12 (2016.01)
[25] EN
[54] METHOD AND SYSTEM FOR WIRELESS AND SINGLE CONDUCTOR POWER TRANSMISSION
[54] PROCEDE ET SYSTEME POUR LA TRANSMISSION D'ENERGIE SANS FIL ET A CONDUCTEUR UNIQUE
[72] MAUNDER, ADAM MITCHELL, CA
[72] MOUSAVI, PEDRAM, CA
[72] ZARIFIDIZAJI, TELNAZ, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2018-01-15
[86] 2016-07-18 (PCT/CA2016/050842)
[87] (WO2017/011904)
[30] US (62/194,094) 2015-07-17

[21] 2,992,509
[13] A1
[51] Int.Cl. C07K 16/28 (2006.01)
[25] EN
[54] ANTI-TFR ANTIBODIES AND THEIR USE IN TREATING PROLIFERATIVE AND INFLAMMATORY DISORDERS
[54] ANTICORPS ANTI-TFR ET LEUR UTILISATION DANS LE TRAITEMENT DES MALADIES PROLIFERATIVES ET INFLAMMATOIRES
[72] LAUNAY, PIERRE, FR
[72] BELANGER, CORALIE, FR
[72] SOUCHET, HERVE, FR
[71] INATHERYS, FR
[85] 2018-01-15
[86] 2016-07-21 (PCT/EP2016/067465)
[87] (WO2017/013230)
[30] EP (15306192.4) 2015-07-22

[21] 2,992,513
[13] A1
[51] Int.Cl. C08F 220/06 (2006.01) A61K 6/083 (2006.01) C08F 8/30 (2006.01) C08F 222/38 (2006.01)
[25] EN
[54] POLYMERIZABLE POLYACIDIC POLYMER
[54] POLYMERES POLYACIDE POLYMERISABLE
[72] KLEE, JOACHIM E., DE
[72] RENN, CAROLINE, DE
[72] SZILLAT, FLORIAN, DE
[72] ELSNER, OLIVER, DE
[72] SCHEUFLER, CHRISTIAN, DE
[72] LAMPE, ULRICH, DE
[72] RITTER, HELMUT, DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2018-01-15
[86] 2016-09-09 (PCT/EP2016/071304)
[87] (WO2017/042333)
[30] EP (15184510.4) 2015-09-09

[21] 2,992,508
[13] A1
[51] Int.Cl. A61B 5/021 (2006.01) A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/0295 (2006.01) A61B 5/08 (2006.01)
[25] EN
[54] PROCESSING BIOLOGICAL DATA
[54] TRAITEMENT DE DONNEES BIOLOGIQUES
[72] HUBNER, THOMAS, DE
[71] PREVENTICUS GMBH, DE
[85] 2018-01-15
[86] 2016-07-15 (PCT/EP2016/066944)
[87] (WO2017/009465)
[30] EP (15177174.8) 2015-07-16
[30] EP (16170035.6) 2016-05-17

[21] 2,992,511
[13] A1
[51] Int.Cl. A61K 48/00 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01)
[25] EN
[54] SYSTEMIC SYNTHESIS AND REGULATION OF L-DOPA
[54] SYNTHESE ET REGULATION SYSTEMIQUES DE LA L-DOPA
[72] McDONALD, MICHAEL, GB
[71] MYODOPA LIMITED, GB
[85] 2018-01-15
[86] 2016-08-01 (PCT/EP2016/068315)
[87] (WO2017/021359)
[30] US (62/200,151) 2015-08-03

[21] 2,992,515
[13] A1
[51] Int.Cl. E05B 63/00 (2006.01) E05B 65/08 (2006.01) E05C 19/00 (2006.01)
[25] EN
[54] SECURING MECHANISM FOR A SLIDING PANEL
[54] MECANISME DE FIXATION POUR UN PANNEAU COULISSANT
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
[85] 2018-01-15
[86] 2016-06-23 (PCT/IL2016/050671)
[87] (WO2017/033177)
[30] US (62/208,856) 2015-08-24

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[13] A1

[51] **Int.Cl. A23B 4/10 (2006.01) A23B 5/06 (2006.01) A23B 7/16 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SPRAYING FOOD AND FOOD PROCESSING ARTICLES WITH ANTIMICROBIALS AND OTHER AGENTS**

[54] **APPAREIL ET PROCEDE POUR PULVERISER SUR DES ALIMENTS ET SUR DES ARTICLES DE TRAITEMENT D'ALIMENTS DES AGENTS ANTIMICROBIENS ET AUTRES AGENTS**

[72] THIIPPADEDDI, HARSHAVARDHAN, US

[72] SUBBIAH, JEYAMKONDAN, US

[71] TUSARA SOLUTIONS, LLC, US

[85] 2018-01-12

[86] 2016-07-15 (PCT/US2016/042521)

[87] (WO2017/011757)

[30] US (62/192,705) 2015-07-15

[21] **2,992,518**
[13] A1

[51] **Int.Cl. A61K 31/415 (2006.01) A61K 9/00 (2006.01) C07C 275/28 (2006.01) C07D 231/16 (2006.01)**

[25] EN

[54] **DIARYL AND ARYLHETEROARYL UREA DERIVATIVES AS MODULATORS OF THE 5-HT_{2A} SEROTONIN RECEPTOR USEFUL FOR THE PROPHYLAXIS AND TREATMENT OF HALLUCINATIONS ASSOCIATED WITH A NEURODEGENERATIVE DISEASE**

[54] **DERIVES D'ARYLHERETOARYL UREE EN TANT QUE MODULATEURS DU RECEPTEUR SEROTONINERGIQUE 5-HT_{2A} UTILES POUR LA PROPHYLAXIE ET LE TRAITEMENT D'HALLUCINATIONS ASSOCIEES A UNE MALADIE NEURODEGENERATIVE**

[72] FRIEDHOFF, LAWRENCE TIM, US

[72] RAMASWAMY, SHANKAR, US

[72] WEN, YANDONG, US

[71] AXOVANT SCIENCES GMBH, CH

[71] FRIEDHOFF, LAWRENCE TIM, US

[71] RAMASWAMY, SHANKAR, US

[71] WEN, YANDONG, US

[85] 2018-01-12

[86] 2016-07-15 (PCT/US2016/042556)

[87] (WO2017/011767)

[30] US (62/192,939) 2015-07-15

[30] US (62/236,618) 2015-10-02

[30] US (62/261,381) 2015-12-01

[21] **2,992,523**
[13] A1

[51] **Int.Cl. A61F 11/00 (2006.01) A61M 31/00 (2006.01) A61N 1/04 (2006.01) A61N 1/30 (2006.01) A61N 1/32 (2006.01)**

[25] EN

[54] **EARPLUG ASSEMBLY FOR IONTOPHORESIS SYSTEM**

[54] **ENSEMBLE BOUCHON D'OREILLE DESTINE A UN SYSTEME D'IONTOPHORESE**

[72] RAY, MIRANDA M., US

[72] GIOTRA, ROHIT, US

[72] TRUONG, ANH QUOC, US

[72] PATEL, RADHIKA, US

[72] GROSS, THOMAS D., US

[72] CANTU, ALFREDO, US

[71] TUSKER MEDICAL, INC., US

[85] 2018-01-12

[86] 2016-07-15 (PCT/US2016/042577)

[87] (WO2017/011777)

[30] US (14/800,869) 2015-07-16

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[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01) E21B 33/03 (2006.01)**

[25] EN

[54] **STUFFING BOX CONTAINMENT APPARATUS**

[54] **APPAREIL DE CONFINEMENT DE PRESSE-ETOUPE**

[72] KING, JAYSON, CA

[71] KING, JAYSON, CA

[85] 2018-01-15

[86] 2016-07-28 (PCT/CA2016/050880)

[87] (WO2017/015757)

[30] CA (2898600) 2015-07-28

[21] **2,992,526**
[13] A1

[51] **Int.Cl. G21C 9/02 (2006.01)**

[25] EN

[54] **CHANNEL BAFFLE STRUCTURE**

[54] **STRUCTURE DE CHICANE POUR CANAL**

[72] ZHANG, ZUOYI, CN

[72] WANG, HONG, CN

[72] WANG, JIE, CN

[72] ZHANG, QINZHAO, CN

[72] PENG, WEI, CN

[71] TSINGHUA UNIVERSITY, CN

[85] 2018-01-15

[86] 2016-07-13 (PCT/CN2016/089936)

[87] (WO2017/008746)

[30] CN (201510409138.1) 2015-07-13

[30] CN (201520504843.5) 2015-07-13

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[13] A1
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[51] Int.Cl. C08G 18/66 (2006.01) B33Y 70/00 (2015.01) B29C 67/00 (2017.01) C08G 18/08 (2006.01) C08G 18/42 (2006.01) C08G 18/76 (2006.01)
[25] EN
[54] THERMOPLASTIC POLYURETHANE COMPOSITIONS FOR SOLID FREEFORM FABRICATION
[54] COMPOSITIONS DE POLYURETHANE THERMOPLASTIQUES POUR LA FABRICATION DE FORMES IRRÉGULIÈRES SOLIDES
[72] GREEN, JENNIFER, US
[72] COX, JOHN M., US
[72] VONTORCIK, JR., JOSEPH J., US
[72] MORGAN, BARBARA, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042387)
[87] (WO2017/015072)
[30] US (62/193,841) 2015-07-17

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[21] **2,992,572**
[13] A1

[51] **Int.Cl. F21K 99/00 (2016.01) F21V 23/02 (2006.01) F21V 23/04 (2006.01) F21V 23/06 (2006.01)**

[25] EN

[54] **MODULAR INTEGRATED LIGHTING CIRCUIT**

[54] **CIRCUIT D'ECLAIRAGE INTEGRE MODULAIRE**

[72] SCARLATA, ANDREW FRANCIS, US

[72] ZHANG, HUI, US

[71] COOPER TECHNOLOGIES COMPANY, US

[85] 2018-01-15

[86] 2016-07-12 (PCT/US2016/041837)

[87] (WO2017/014986)

[30] US (14/801,908) 2015-07-17

[21] **2,992,573**
[13] A1

[51] **Int.Cl. B65D 27/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD TO DETERMINE WHETHER TO UNLOCK A DELIVERED-PACKAGE VAULT**

[54] **APPAREIL ET PROCEDE POUR DETERMINER S'IL FAUT DEVERROUILLER UN COFFRE-FORT A PAQUETAGE DELIVRE**

[72] WILKINSON, BRUCE W., US

[71] WAL-MART STORES, INC., US

[85] 2018-01-15

[86] 2016-07-08 (PCT/US2016/041486)

[87] (WO2017/014962)

[30] US (62/194,126) 2015-07-17

[21] **2,992,574**
[13] A1

[51] **Int.Cl. F21K 99/00 (2016.01) F21V 7/00 (2006.01) F21V 15/01 (2006.01) F21V 23/00 (2015.01)**

[25] EN

[54] **LOW PROFILE CLAMP**

[54] **PINCE A PROFIL BAS**

[72] SCARLATA, ANDREW FRANCIS, US

[72] LJUCA, MEVZAD, US

[71] COOPER TECHNOLOGIES COMPANY, US

[85] 2018-01-15

[86] 2016-07-12 (PCT/US2016/041838)

[87] (WO2017/014987)

[30] US (14/801,918) 2015-07-17

[21] **2,992,575**
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01) H01L 31/0352 (2006.01) H01L 31/119 (2006.01)**

[25] EN

[54] **APPARATUS FOR RADIATION DETECTION IN A DIGITAL IMAGING SYSTEM**

[54] **APPAREIL POUR LA DETECTION DE RAYONNEMENTS DANS UN SYSTEME D'IMAGERIE NUMERIQUE**

[72] KARIM, KARIM S., CA

[72] GHANBARZADEH, SINA, CA

[71] DOSE SMART IMAGING, CA

[85] 2018-01-12

[86] 2016-07-14 (PCT/CA2016/050830)

[87] (WO2017/008166)

[30] US (62/192,110) 2015-07-14

[21] **2,992,576**
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/4188 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR PREVENTING CANCERS ASSOCIATED WITH HUMAN PAPILLOMA VIRUSES**

[54] **COMPOSITIONS POUR LA PREVENTION DE CANCERS ASSOCIES A DES VIRUS DU PAPILLOME HUMAIN**

[72] DUERKSEN-HUGHES, PENELOPE, US

[72] YUAN, CHUNG-HSIANG, US

[72] FILIPPOVA, MARIA, US

[72] KRSTENANSKY, JOHN, US

[71] LOMA LINDA UNIVERSITY, US

[85] 2018-01-15

[86] 2016-07-12 (PCT/US2016/041931)

[87] (WO2017/011473)

[30] US (62/193,500) 2015-07-16

[21] **2,992,579**
[13] A1

[51] **Int.Cl. H04B 1/3888 (2015.01) A45C 11/00 (2006.01)**

[25] EN

[54] **PROTECTIVE ENCLOSURE FOR AN ELECTRONIC DEVICE**

[54] **BOITIER DE PROTECTION POUR DISPOSITIF ELECTRONIQUE**

[72] JOHNSON, JAMIE L., US

[72] GUERDRUM, JONATHAN H., US

[72] GAYLORD, AARON M., US

[72] LI, SHANSHAN, US

[72] BULKEY, ROSS V., US

[71] OTTER PRODUCTS, LLC, US

[85] 2018-01-15

[86] 2016-07-15 (PCT/US2016/042412)

[87] (WO2017/015083)

[30] US (62/194,242) 2015-07-19

[30] US (62/202,681) 2015-08-07

[30] US (14/976,375) 2015-12-21

[21] **2,992,580**
[13] A1

[51] **Int.Cl. C12N 15/00 (2006.01) A61K 48/00 (2006.01) C07H 21/04 (2006.01) C12N 15/87 (2006.01)**

[25] EN

[54] **NUCLEASE-INDEPENDENT TARGETED GENE EDITING PLATFORM AND USES THEREOF**

[54] **PLATE-FORME D'EDITION GENIQUE CIBLEE SANS NUCLEASE ET UTILISATIONS DE CELLE-CI**

[72] JIN, SHENGKAN, US

[72] COLLANTES, JUAN-CARLOS, US

[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US

[85] 2018-01-15

[86] 2016-07-15 (PCT/US2016/042413)

[87] (WO2017/011721)

[30] US (62/192,876) 2015-07-15

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[21] 2,992,581
[13] A1
[51] Int.Cl. B62B 1/04 (2006.01) B62B 3/02 (2006.01) B62B 7/00 (2006.01) B62B 7/06 (2006.01) B62B 7/08 (2006.01) B62B 9/12 (2006.01)
[25] EN
[54] FOLDABLE WAGON
[54] CHARIOT PLIABLE
[72] FITZWATER, JASON, US
[72] ECKERT, CAMERON, US
[72] BOYLE, MICHAEL S., US
[71] RADIO FLYER INC., US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042421)
[87] (WO2017/011724)
[30] US (62/193,181) 2015-07-16
[30] US (62/234,368) 2015-09-29
[30] US (15/210,413) 2016-07-14

[21] 2,992,582
[13] A1
[51] Int.Cl. A61B 17/00 (2006.01) A61F 2/00 (2006.01) A61F 2/30 (2006.01) A61F 2/32 (2006.01)
[25] EN
[54] TOOL AND METHOD FOR SEPARATING A FEMORAL CUP FROM AN ACETABULAR BALL IN AN IMPLANTED HIP PROSTHESIS
[54] OUTIL ET PROCEDE DE SEPARATION D'UNE CUPULE FEMORALE D'UNE BILLE ACETABULAIRE DANS UNE PROTHESE DE HANCHE IMPLANTEE
[72] Termanini, Zafer, US
[72] VanHiel, Brian, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042424)
[87] (WO2017/019325)
[30] US (62/197,188) 2015-07-27

[21] 2,992,583
[13] A1
[51] Int.Cl. A61B 17/00 (2006.01) A61F 2/00 (2006.01) A61F 2/32 (2006.01) A61F 2/34 (2006.01) A61F 2/40 (2006.01)
[25] EN
[54] TOOL AND METHOD FOR REMOVING AN ACETABULAR BALL FROM AN ACETABULAR CUP IN A HIP REPLACEMENT PROSTHESIS
[54] OUTIL ET PROCEDE POUR LE PRELEVEMENT D'UNE BILLE ACETABULAIRE D'UNE CUPULE ACETABULAIRE DANS UNE PROTHESE DE REMPLACEMENT DE LA HANCHE
[72] Termanini, Zafer, US
[72] VanHiel, Brian, US
[72] BRADDON, LINDA, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042430)
[87] (WO2017/019327)
[30] US (62/197,200) 2015-07-27

[21] 2,992,584
[13] A1
[51] Int.Cl. A61B 17/00 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)
[25] EN
[54] BALL AND CUP IMPACTORS FOR IMPLANTING A HIP PROSTHESIS
[54] IMPACTEURS DE BILLE ET DE CUPULE POUR IMPLANTATION D'UNE PROTHESE DE LA HANCHE
[72] Termanini, Zafer, US
[72] VanHiel, Brian, US
[72] CHARLES, KIRK, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042441)
[87] (WO2017/019329)
[30] US (62/197,215) 2015-07-27

[21] 2,992,585
[13] A1
[51] Int.Cl. A61F 2/32 (2006.01) A61B 17/58 (2006.01) A61B 17/60 (2006.01) A61F 2/00 (2006.01)
[25] EN
[54] ACETABULAR CUP EXTRACTOR
[54] EXTRACTEUR DE COTYLE
[72] Termanini, Zafer, US
[72] VanHiel, Brian, US
[72] Ambrecht, Adam, US
[71] HIP INNOVATION TECHNOLOGY, LLC, US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042445)
[87] (WO2017/019332)
[30] US (62/197,224) 2015-07-27

[21] 2,992,586
[13] A1
[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] SUBSTITUTED PYRAZOLO[1,5-A]PYRIDINE COMPOUNDS AS RET KINASE INHIBITORS
[54] COMPOSES SUBSTITUES DE PYRAZOLO[1,5-A]PYRIDINES COMME INHIBITEURS DE LA KINASE RET
[72] Andrews, Steven W., US
[72] Blake, James F., US
[72] Chicarelli, Mark J., US
[72] GOLOS, ADAM, US
[72] HAAS, JULIA, US
[72] JIANG, YUTONG, US
[72] KOLAKOWSKI, GABRIELLE R., US
[71] ARRAY BIOPHARMA, INC., US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042576)
[87] (WO2017/011776)
[30] US (62/193,448) 2015-07-16
[30] US (62/274,018) 2015-12-31

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[21] 2,992,587
[13] A1

[51] Int.Cl. E04F 13/02 (2006.01) C04B 30/02 (2006.01) C04B 41/46 (2006.01) E04F 21/12 (2006.01)

[25] EN

[54] METHOD AND DEVICE FOR APPLYING AN INSULATION TO BUILDINGS

[54] PROCEDE ET DISPOSITIF D'APPLICATION D'UNE ISOLATION SUR DES EDIFICES

[72] WASSERFALLER JUN., GEORG, AT

[72] HOLZWEBER, MARIA ELISABETH, AT

[71] WASSERFALLER JUN., GEORG, AT

[71] HOLZWEBER, MARIA ELISABETH, AT

[85] 2018-01-12

[86] 2016-07-27 (PCT/EP2016/067934)

[87] (WO2017/021259)

[30] DE (102015112614.1) 2015-07-31

[21] 2,992,588
[13] A1

[51] Int.Cl. A62B 7/10 (2006.01) A62B 18/02 (2006.01) A62B 19/00 (2006.01) A62B 23/02 (2006.01)

[25] EN

[54] CARTRIDGE FOR A BREATHING MASK, AND A BREATHING MASK

[54] CARTOUCHE POUR MASQUE DE PROTECTION RESPIRATOIRE ET MASQUE DE PROTECTION RESPIRATOIRE

[72] STINZENDORFER, JOACHIM, DE

[72] LEHNERT, SUSANNE, DE

[72] JEBLICK, CHRISTOPHER, DE

[72] MARTZ, MIKE, DE

[72] ACKERMANN, STEFFEN, DE

[72] DIERSCH, STEFAN, DE

[71] MANN+HUMMEL GMBH, DE

[85] 2018-01-15

[86] 2016-08-03 (PCT/EP2016/068584)

[87] (WO2017/021470)

[30] DE (10 2015 009 829.2) 2015-08-03

[21] 2,992,589
[13] A1

[51] Int.Cl. F21K 99/00 (2016.01) F21V 23/00 (2015.01) F21V 23/02 (2006.01)

[25] EN

[54] MAGNETICS-FREE LED LIGHT ENGINE WITH HIGH PERFORMANCE AND LOW PROFILE DESIGN

[54] MOTEUR DE LUMIERE A DIODES ELECTROLUMINESCENTES SANS COMPOSANTS MAGNETIQUES DONT LA CONCEPTION EST A HAUTE PERFORMANCES ET A PROFIL BAS

[72] ZHANG, HUI, US

[71] COOPER TECHNOLOGIES COMPANY, US

[85] 2018-01-15

[86] 2016-07-12 (PCT/US2016/041834)

[87] (WO2017/014985)

[30] US (14/801,901) 2015-07-17

[21] 2,992,590
[13] A1

[51] Int.Cl. B81B 3/00 (2006.01) G02B 26/08 (2006.01) G02B 27/18 (2006.01) G02F 1/13 (2006.01) G02F 1/1335 (2006.01) G03B 21/00 (2006.01) G09F 9/00 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS TO PROVIDE CONFIGURATION DATA TO A SOFTWARE CONFIGURABLE LIGHTING DEVICE

[54] SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES DONNEES DE CONFIGURATION A UN DISPOSITIF D'ECLAIRAGE POUVANT ETRE CONFIGURE PAR LOGICIEL

[72] RAINS, JACK C., JR., US

[72] BLACK, MARK A., US

[72] RAMER, DAVID P., US

[72] RAJ, RASHMI KUMAR, US

[72] MAHER, HAMPTON BOONE, US

[71] ABL IP HOLDING LLC, US

[85] 2018-01-15

[86] 2016-07-14 (PCT/US2016/042284)

[87] (WO2017/015057)

[30] US (62/193,874) 2015-07-17

[21] 2,992,591
[13] A1

[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/107 (2006.01) A61B 8/00 (2006.01)

[25] FR

[54] BIOMECHANICAL DEVICE FOR MEASURING VESSELS AND FOR VOLUMETRIC ANALYSIS OF LIMBS

[54] DISPOSITIF DE MESURES BIOMECHANIQUES DES VAISSEAUX ET D'ANALYSE VOLUMETRIQUE DES MEMBRES

[72] TRIBOULET, JEAN, FR

[72] DAUZAT, MICHEL, FR

[72] VEYE, FLORENT, FR

[72] MESTRE, SANDRINE, FR

[72] QUERE, ISABELLE, FR

[72] BERRON, NICOLAS, FR

[71] CENTRE HOSPITALIER UNIVERSITAIRE DE NIMES, FR

[71] UNIVERSITE DE MONTPELLIER, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR

[71] AXLR SATT DU LANGUEDOC ROUSSILLON, FR

[85] 2017-12-28

[86] 2016-07-01 (PCT/EP2016/065559)

[87] (WO2017/005642)

[30] FR (1556324) 2015-07-03

[21] 2,992,592
[13] A1

[51] Int.Cl. B32B 5/24 (2006.01) B32B 5/02 (2006.01)

[25] EN

[54] A GLASS MAT AND METHOD OF MAKING THE GLASS MAT

[54] MAT DE VERRE ET PROCEDE DE FABRICATION DU MAT DE VERRE

[72] PEET, JEFFREY H., US

[72] BROWN, NANCY E., US

[72] YU, TAO, US

[72] HILDRETH, GARY CHARLES, US

[71] SAINT-GOBAIN ADFORS CANADA, LTD., US

[85] 2017-12-22

[86] 2016-06-30 (PCT/US2016/040484)

[87] (WO2017/004413)

[30] US (62/187,012) 2015-06-30

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[21] 2,992,593
[13] A1
[51] Int.Cl. C08L 23/06 (2006.01) C08K 5/17 (2006.01) C08K 5/3435 (2006.01) C08K 5/3492 (2006.01) C08K 5/523 (2006.01) C08K 5/5357 (2006.01) C08L 23/12 (2006.01)
[25] EN
[54] FLAME-RETARDANT POLYOLEFIN SYSTEMS
[54] SYSTEMES DE POLYOLEFINE ININFLAMMABLES
[72] ANDREWS, STEPHEN MARKS, US
[72] THOMPSON, THOMAS FRIEND, US
[71] BASF SE, DE
[85] 2017-12-29
[86] 2016-07-20 (PCT/US2016/043088)
[87] (WO2017/015338)
[30] US (62/194,503) 2015-07-20

[21] 2,992,594
[13] A1
[51] Int.Cl. C12M 1/02 (2006.01)
[25] EN
[54] RAPID ALLOGRAFT TREATMENT SYSTEMS AND METHODS
[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'ALLOGREFFE RAPIDES
[72] SOUTHARD, MATTHEW JAMES, US
[72] SAMANIEGO, ADRIAN C., US
[72] BLOOD, KENNETH, US
[72] BULL, MARINA KATELYN, US
[72] STILWELL, REGINALD, US
[72] BARRETT, CAROLYN, US
[72] PETERSON, MATTHEW, US
[72] ZAJDOWICZ, JAN, US
[72] JOSLYN, ARTHUR, US
[72] HANZLICEK, KATHRYN, US
[71] ALLOSOURCE, US
[85] 2018-01-15
[86] 2016-08-08 (PCT/US2016/046070)
[87] (WO2017/027481)
[30] US (62/202,661) 2015-08-07
[30] US (62/218,289) 2015-09-14

[21] 2,992,595
[13] A1
[51] Int.Cl. B64C 39/02 (2006.01) B64C 27/04 (2006.01) B64D 1/02 (2006.01) B64D 47/00 (2006.01) B65G 15/00 (2006.01)
[25] EN
[54] MATERIAL HANDLING SOLUTIONS FOR DRONES
[54] SOLUTIONS DE MANIPULATION DE MATERIAU POUR DRONES
[72] COSTANZO, MARK, US
[72] MYERS, DAVID HERBERT, US
[72] PRESSLER, ERIC M., US
[72] STEPHENS, SEAN EDWARD, US
[72] FOURNEY, MATTHEW L., US
[72] HICKS, TIMOTHY J., US
[72] SCHEXNAYDRE, ZACHARY R., US
[72] ZHA, JIANGMING, US
[72] HILL, PRESTON, US
[71] LATRAM, L.L.C., US
[85] 2018-01-15
[86] 2016-08-12 (PCT/US2016/046701)
[87] (WO2017/027780)
[30] US (62/204,210) 2015-08-12

[21] 2,992,596
[13] A1
[51] Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR ENHANCED DETECTION AND QUANTIFICATION OF ANALYTES
[54] SYSTEMES ET PROCEDES POUR LA DETECTION AMELIOREE ET LA QUANTIFICATION DE SUBSTANCES A ANALYSER
[72] KHATTAK, AYUB, US
[72] SEVER, CLINTON, US
[72] NELSON, PAUL, US
[72] COOPER, RYAN, US
[72] CONGDON, THOMAS, US
[72] DEMARTINO, JUSTIN, US
[72] SHAPIRO, RAPHIAEL, US
[72] DUNCAN, MARK, US
[71] CUE INC., US
[85] 2018-01-15
[86] 2016-07-16 (PCT/US2016/042688)
[87] (WO2017/015172)
[30] US (62/194,101) 2015-07-17

[21] 2,992,597
[13] A1
[51] Int.Cl. C12Q 1/68 (2018.01) G01N 27/00 (2006.01) G01N 33/543 (2006.01) G01R 33/09 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS USING MAGNETICALLY-RESPONSIVE SENSORS FOR DETERMINING A GENETIC CHARACTERISTIC
[54] SYSTEMES ET PROCEDES METTANT EN ŒUVRE DES CAPTEURS A SENSIBILITE MAGNETIQUE POUR LA DETERMINATION D'UNE CARACTERISTIQUE GENETIQUE
[72] MANDELL, JEFFREY G., US
[72] KWOK, LISA, US
[71] ILLUMINA, INC., US
[85] 2018-01-15
[86] 2016-08-12 (PCT/US2016/046888)
[87] (WO2017/030999)
[30] US (62/205,336) 2015-08-14

[21] 2,992,598
[13] A1
[51] Int.Cl. G01B 11/25 (2006.01) G06T 7/00 (2017.01)
[25] EN
[54] CODE DOMAIN POWER CONTROL FOR STRUCTURED LIGHT
[54] COMMANDE DE PUISSANCE EN DOMAINE DE CODE DESTINEE A DE LA LUMIERE STRUCTUREE
[72] NASH, JAMES WILSON, US
[72] ATANASSOV, KALIN MITKOV, US
[72] LINDNER, ALBRECHT JOHANNES, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-15
[86] 2016-08-16 (PCT/US2016/047179)
[87] (WO2017/040028)
[30] US (62/212,507) 2015-08-31
[30] US (15/060,028) 2016-03-03

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[21] **2,992,599**
[13] A1

[51] **Int.Cl. H04N 21/442 (2011.01) H04N 21/462 (2011.01) H04N 21/6373 (2011.01) H04N 21/81 (2011.01) H04N 21/845 (2011.01)**

[25] EN

[54] **TRANSPORTING CODED AUDIO DATA**

[54] **TRANSPORT DE DONNEES AUDIO CODEES**

[72] STOCKHAMMER, THOMAS, US

[72] SEN, DIPANJAN, US

[71] QUALCOMM INCORPORATED, US

[85] 2018-01-15

[86] 2016-08-25 (PCT/US2016/048740)

[87] (WO2017/035376)

[30] US (62/209,779) 2015-08-25

[30] US (62/209,764) 2015-08-25

[30] US (15/246,370) 2016-08-24

[21] **2,992,600**
[13] A1

[51] **Int.Cl. G06T 3/00 (2006.01) G06T 5/00 (2006.01) G06T 7/20 (2017.01) H04N 5/232 (2006.01)**

[25] EN

[54] **STABILIZING VIDEO**

[54] **STABILISATION D'UNE VIDEO**

[72] HONG, WEI, US

[72] CARCERONI, RODRIGO, US

[71] GOOGLE LLC, US

[85] 2018-01-15

[86] 2016-09-23 (PCT/US2016/053252)

[87] (WO2017/065952)

[30] US (14/883,515) 2015-10-14

[21] **2,992,601**
[13] A1

[51] **Int.Cl. D06M 10/04 (2006.01) C11D 1/00 (2006.01) C11D 3/50 (2006.01) C11D 17/00 (2006.01) D06M 10/08 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR MALODOR REDUCTION AND USES THEREOF**

[54] **COMPOSITIONS POUR REDUIRE LES MAUVAISES ODEURS ET LEUR UTILISATION**

[72] HINDEN-KUHLES, NATALIE, US

[72] GUENTERT, MATTHIAS, US

[72] SIEDEL, THOMAS, US

[72] REBECK, ALICE, US

[72] KOROSI, VIKTORIA, US

[72] ORAM, NICOLE, US

[71] AGILEX FLAVORS & FRAGRANCES, INC., US

[85] 2018-01-15

[86] 2016-07-16 (PCT/US2016/042690)

[87] (WO2017/015173)

[30] US (62/194,063) 2015-07-17

[21] **2,992,602**
[13] A1

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[54] **VARIANTS OPTIMISES D'ANTICORPS ANTI-VEGF**

[72] KOENIG, PATRICK, US

[72] LEE, CHINGWEI VIVIAN, US

[72] RAJAGOPAL, KARTHIKAN, US

[72] FAMILI, AMIN, US

[72] FUH, GERMAINE, US

[71] GENENTECH, INC., US

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[87] (WO2017/053807)

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[54] **FRESH PRODUCTION FORECASTING METHODS AND SYSTEMS**

[54] **PROCEDES ET SYSTEMES DE PREVISION DE PRODUCTION DE PRODUITS FRAIS**

[72] MONTGOMERY, WILLIE, III, US

[72] NELLORE, VENKATARAJA, US

[71] WAL-MART STORES, INC., US

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[86] 2016-07-18 (PCT/US2016/042773)

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[30] US (62/196,245) 2015-07-23

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[13] A1

[51] **Int.Cl. B22C 23/02 (2006.01) B22C 9/04 (2006.01) B22C 9/10 (2006.01)**

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[54] **INVESTMENT MOLD SLURRY CURTAIN APPARATUS**

[54] **APPAREIL A RIDEAU DE SUSPENSION EPAISSE POUR MOULAGE A LA CIRE PERDUE**

[72] BIEDERMAN, SCOTT W., US

[72] BONAVENTURA, THOMAS, US

[72] DODD, PATRICK E., US

[72] MICHALIK, JOSEPH C., US

[71] METAL CASTING TECHNOLOGY, INCORPORATED, US

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[51] **Int.Cl. G06F 11/36 (2006.01)**

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[54] **A SYSTEM AND METHOD FOR USE IN REGRESSION TESTING OF ELECTRONIC DOCUMENT HYPERLINKS**

[54] **SYSTEME ET PROCEDE DESTINES A ETRE UTILISES DANS DES TESTS DE REGRESSION D'HYPERLIENS DE DOCUMENTS ELECTRONIQUES**

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[71] LENS10 PTY LTD, AU

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[30] AU (2015902272) 2015-06-15

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[13] A1
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[25] EN
[54] SYSTEMS AND METHODS FOR
DETECTING SUBSURFACE
FEATURES USING 3D ANGLE
GATHERS
[54] SYSTEMES ET PROCEDES POUR
DETECTER DES
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SUBSURFACE A L'AIDE DE
REGROUPEMENTS D'ANGLES EN
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[72] SCHNEIDER, WILLIAM AEPPLI, JR.,
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[71] FAIRFIELD INDUSTRIES
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[87] (WO2017/015206)
[30] US (14/806,418) 2015-07-22

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[13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A61K
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[25] EN
[54] ENOLASE 1 (ENO1)
COMPOSITIONS AND USES
THEREOF
[54] COMPOSITIONS D'ENOLASE 1
(ENO1) ET LEURS UTILISATIONS
[72] SARANGARAJAN, RANGAPRASAD,
US
[72] VISHNUDAS, VIVEK K., US
[72] TAYLOR, ALEXANDER HARRISON,
US
[71] BERG LLC, US
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[30] US (62/235,854) 2015-10-01

[21] 2,992,613
[13] A1
[51] Int.Cl. B09C 1/06 (2006.01) B09C 1/08
(2006.01)
[25] EN
[54] REMEDIATION OF
CONTAMINATED SOIL AND
WATER USING ENHANCED
STIMULATORS
[54] ASSAINISSEMENT D'EAU ET DE
SOL CONTAMINE A L'AIDE DE
STIMULATEURS AMELIORES
[72] MIN, BYONG JUN, CA
[72] WADDELL, JEVINS LEE, CA
[72] KIM, SEONGHWAN, CA
[72] PARK, SIMON, CA
[71] TRIUM ENVIRONMENTAL INC., CA
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[87] (WO2017/035669)
[30] US (62/214,926) 2015-09-05

[21] 2,992,616
[13] A1
[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] METHODS, COMPOSITIONS,
KITS, AND USES FOR ANALYSIS
OF NUCLEIC ACIDS
COMPRISING REPEATING A/T-
RICH SEGMENTS
[54] PROCEDES, COMPOSITIONS,
TROUSSES, ET UTILISATIONS
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DES SEGMENTS DE REPETITION
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[72] LATHAM, GARY J., US
[72] SAH, SACHIN, US
[71] ASURAGEN, INC., US
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[87] (WO2017/015543)
[30] US (62/196,239) 2015-07-23

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[13] A1
[51] Int.Cl. E05G 1/10 (2006.01) A47G
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[25] EN
[54] BULK ITEM ACCESS AND
STORAGE SYSTEM
[54] SYSTEME D'ACCES ET DE
STOCKAGE D'ARTICLES EN
VRAC
[72] SAVAGE, BENJAMIN V., US
[72] SAVAGE, KENT V., US
[71] APEX INDUSTRIAL
TECHNOLOGIES LLC, US
[85] 2018-01-15
[86] 2016-07-22 (PCT/US2016/043529)
[87] (WO2017/015550)
[30] US (62/195,817) 2015-07-23

[21] 2,992,618
[13] A1
[51] Int.Cl. A47C 31/11 (2006.01) B64D
11/06 (2006.01)
[25] EN
[54] SANITARY AIRPLANE SEAT
BACK BARRIER SYSTEM WITH
TRAY TABLE COVER,
SEATBACK POCKET
PROTECTOR, AND SEATBACK
COVER
[54] SYSTEME DE BARRIERE DE
DOSSIER DE SIEGE D'AVION
SANITAIRE COMPRENANT
COUVERCLE DE TABLE-
PLATEAU, ELEMENT DE
PROTECTION DE POCHE DE
DOSSIER, ET REVETEMENT DE
DOSSIER
[72] DALL'ERA, JOSEPH E., US
[72] THOMPSON, TARA, US
[71] DALL'ERA, JOSEPH E., US
[71] THOMPSON, TARA, US
[85] 2018-01-15
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[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING LEAKS IN A BUILDING WATER SYSTEM**
[54] **PROCEDE ET APPAREIL POUR LA DETECTION DE FUITES DANS UN SYSTEME D'ALIMENTATION EN EAU D'IMMEUBLE**
[72] DIETZEN, GARY H., US
[72] MURPHY, RONALD R., US
[72] BEASLEY, TERRY L., US
[72] DIETZEN, DANIEL L., US
[71] ENCO ELECTRONIC SYSTEMS, LLC, US
[85] 2018-01-15
[86] 2016-07-27 (PCT/US2016/044323)
[87] (WO2017/019801)
[30] US (62/198,508) 2015-07-29

[21] **2,992,621**
[13] A1

[51] **Int.Cl. G01R 19/00 (2006.01)**
[25] EN
[54] **LOW LOSS CURRENT SENSOR AND POWER CONVERTER USING THE SAME**
[54] **CAPTEUR DE COURANT A FAIBLE PERTE ET CONVERTISSEUR D'ENERGIE UTILISANT CELUI-CI**
[72] MEVAY, ALEX C.H., US
[71] SUNFORGE LLC, US
[85] 2018-01-15
[86] 2016-08-03 (PCT/US2016/045264)
[87] (WO2017/023982)
[30] US (62/200,194) 2015-08-03
[30] US (15/226,468) 2016-08-02

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[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CGRP**
[72] COATES, DAVID ANDREW, US
[72] FORTNER, KEVIN CHARLES, US
[72] MASSEY, STEVEN MARC, US
[72] MYERS, JASON KENNETH, US
[72] NAVARRO, ANTONIO, US
[72] SIEGEL, MILES GOODMAN, US
[72] STUCKY, RUSSELL DEAN, US
[71] ELI LILLY AND COMPANY, US
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[13] A1

[51] **Int.Cl. H04J 13/00 (2011.01) H04W 80/02 (2009.01) H04B 1/707 (2011.01)**
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[54] **IDENTIFICATION D'UN CODE POUR LE DECODAGE DE SIGNAUX**
[72] DEVISON, STEPHEN A., CA
[72] OMER, MOHAMMAD, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2018-01-16
[86] 2015-12-17 (PCT/CA2015/000603)
[87] (WO2017/035623)
[30] US (14/843,167) 2015-09-02

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[13] A1

[51] **Int.Cl. F16L 15/00 (2006.01) E21B 17/02 (2006.01) E21B 17/08 (2006.01) F16B 7/18 (2006.01) F16L 15/04 (2006.01) F16L 15/06 (2006.01)**
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[54] **THREADED TUBULAR CONNECTION**
[54] **RACCORD TUBULAIRE FILETE**
[72] MUTIS RUEDA, DAVID, US
[71] HYDRILL COMPANY, US
[85] 2018-01-15
[86] 2016-08-05 (PCT/US2016/045725)
[87] (WO2017/024208)
[30] EP (15179857.6) 2015-08-05

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[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) C01B 3/48 (2006.01) C01B 3/50 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR COOLING SYNTHESIS GAS**
[54] **PROCEDE ET INSTALLATION POUR LE REFROIDISSEMENT D'UN GAZ DE SYNTHESE**
[72] TADIELLO, JEAN-PHILIPPE, FR
[72] CHEN, YUE, DE
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2018-01-04
[86] 2016-07-04 (PCT/EP2016/025070)
[87] (WO2017/008915)
[30] EP (15400030.1) 2015-07-10

[21] **2,992,628**
[13] A1

[51] **Int.Cl. G06F 19/00 (2018.01) G06F 3/14 (2006.01)**
[25] EN
[54] **PROCESSING QUALITATIVE RESPONSES AND VISUALIZATION GENERATION**
[54] **TRAITEMENT DE REPONSES QUALITATIVES ET GENERATION DE VISUALISATIONS**
[72] MICHELSON, NATALIE SARA, CA
[72] JEFFERY, MARK JOHN, CA
[72] MACLEOD, DAVID ANTHONY, CA
[71] FULCRUM MANAGEMENT SOLUTIONS LTD., CA
[85] 2018-01-16
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[87] (WO2017/015751)
[30] US (62/196,419) 2015-07-24

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[51] **Int.Cl. A61K 31/121 (2006.01) A61K 31/282 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01)**

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[54] **USE OF DIHYDROXYACETONE IN PREPARATION OF ANTI-CANCER MEDICAMENTS**

[54] **UTILISATION DE DIHYDROXYACETONE DANS LA PREPARATION D'UN MEDICAMENT ANTI-TUMORAL**

[72] ZHANG, JIANGUO, CN

[72] REN, WUXIAN, CN

[72] WANG, PENG, CN

[72] YA, BANGQIN, CN

[71] SHANXI YABAO HEALTH PRODUCTS CO., LTD., CN

[71] YABAO PHARMACEUTICAL GROUP CO., LTD., CN

[85] 2018-01-16

[86] 2016-05-26 (PCT/CN2016/083466)

[87] (WO2017/032111)

[30] CN (201510523222.6) 2015-08-24

[30] CN (201510867079.2) 2015-12-01

[30] CN (201510867132.9) 2015-12-01

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[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**

[25] EN

[54] **DATA TRANSMISSION METHOD, ACCESS POINT, AND STATION**

[54] **PROCEDE DE TRANSMISSION DE DONNEES, POINT D'ACCES ET STATION**

[72] LI, YANCHUN, CN

[72] LAN, ZHOU, CN

[72] LI, YUNBO, CN

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2018-01-16

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[87] (WO2017/008303)

[21] **2,992,631**
[13] A1

[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/21 (2006.01) A61K 8/25 (2006.01) A61K 8/27 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS PROCEDES D'UTILISATION**

[72] PRENCIPE, MICHAEL, US

[72] RUSSO, AMY, US

[72] STETTLER, HANSRUEDI, CH

[72] WON, BETTY, US

[72] MANUS, LISA, US

[72] STRANICK, MICHAEL A., US

[72] YAN, PENG, CN

[72] TAN, CHENGKANG, CN

[72] PATEL, VYOMA, US

[72] MORGAN, ANDRE MICHELLE, US

[72] POTANIN, ANDREI, US

[72] HUANG, XIAOYI, CN

[71] COL.GATE-PALMOLIVE COMPANY, US

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[86] 2016-06-24 (PCT/CN2016/086994)

[87] (WO2017/219339)

[21] **2,992,633**
[13] A1

[51] **Int.Cl. B29D 99/00 (2010.01) F03D 1/06 (2006.01)**

[25] EN

[54] **A WIND TURBINE BLADE HAVING AN EROSION SHIELD**

[54] **PALE D'EOLIENNE AYANT UN BOUCLIER ANTI-EROSION**

[72] DRACHMANN HAAG, MICHAEL, DK

[71] LM WP PATENT HOLDING A/S, DK

[85] 2018-01-16

[86] 2015-07-17 (PCT/EP2015/066397)

[87] (WO2017/012632)

[21] **2,992,634**
[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) F03D 1/06 (2006.01) B29C 65/00 (2006.01)**

[25] EN

[54] **WIND TURBINE BLADE WITH ANCHORING SITES**

[54] **PALE D'EOLIENNE AVEC SITES D'ANCRAGE**

[72] DRACHMANN HAAG, MICHAEL, DK

[71] LM WP PATENT HOLDING A/S, DK

[85] 2018-01-16

[86] 2015-07-17 (PCT/EP2015/066398)

[87] (WO2017/012633)

[21] **2,992,636**
[13] A1

[51] **Int.Cl. E02D 17/08 (2006.01) E02D 17/04 (2006.01)**

[25] EN

[54] **TRENCH BOX AND METHOD OF ASSEMBLY**

[54] **CAISSON DE TRANCHEE ET PROCEDE D'ASSEMBLAGE**

[72] FOLEY, JAMES, CA

[72] GRAHAM, DEVON, CA

[72] MAYER, BENEDIKT, CA

[72] KROCHAK, DARRYL, CA

[71] FOLEY, JAMES, CA

[85] 2018-01-16

[86] 2016-07-22 (PCT/CA2016/050868)

[87] (WO2017/011921)

[30] CA (2,898,002) 2015-07-22

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/12 (2006.01)**

[25] EN

[54] **EXOSOMES AND THEIR USE AS VACCINE**

[54] **EXOSOMES ET LEUR UTILISATION COMME VACCIN**

[72] DEL PORTILLO OBANDO, HERNANDO ANTONIO, ES

[72] BORRAS SERRES, FRANCISCO ENRIQUE, ES

[72] FRAILE SAUCE, LORENZO JOSE, ES

[72] MONTANER TARRES, SERGIO ROBERTO, ES

[72] MONTOYA GONZALEZ, MARIA, ES

[71] INNOVEX THERAPEUTICS, S.L., ES

[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES

[71] FUNDACIO PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA (ISGLOBAL), ES

[71] FUNDACIO INSTITUT D'INVESTIGACIO EN CIENCIES DE LA SALUT GERMANS TRIAS I PUJOL, ES

[71] UNIVERSITAT DE LLEIDA, ES

[85] 2018-01-16

[86] 2016-06-03 (PCT/EP2016/062637)

[87] (WO2016/193422)

[30] ES (P201530775) 2015-06-03

[21] **2,992,641**
[13] A1

[51] **Int.Cl. H02S 40/22 (2014.01) G02B 17/00 (2006.01)**

[25] EN

[54] **OPTICAL CONCENTRATION SYSTEM FOR A SOLAR ENERGY ASSEMBLY AND SAME**

[54] **SYSTEME DE CONCENTRATION OPTIQUE POUR ENSEMBLE ENERGIE SOLAIRE ET SIMILAIRE**

[72] VAN RIESEN, SASCIA, DE

[72] NEUBAUER, MARTIN, DE

[72] GOMBERT, ANDREAS, DE

[71] SAINT-AUGUSTIN CANADA ELECTRIC INC., CA

[85] 2018-01-16

[86] 2016-07-11 (PCT/CA2016/050808)

[87] (WO2017/008152)

[30] DE (102015213395.8) 2015-07-16

[21] **2,992,644**
[13] A1

[51] **Int.Cl. H02S 30/10 (2014.01) H02S 20/32 (2014.01)**

[25] EN

[54] **STACKING SPACER, PHOTOVOLTAIC MODULE FRAME AND TRACKING DEVICE ASSEMBLY**

[54] **ESPACEUR D'EMPILEMENT, CADRE DE MODULE PHOTOVOLTAIQUE ET ENSEMBLE DISPOSITIF DE SUIVI**

[72] SCHMIDT, CHRISTOPH, DE

[72] LANGE, GERRIT, DE

[72] AIPERSPACH, WOLFGANG, DE

[71] SAINT-AUGUSTIN CANADA ELECTRIC INC., CA

[85] 2018-01-16

[86] 2016-07-11 (PCT/CA2016/050806)

[87] (WO2017/008150)

[30] DE (102015213396.6) 2015-07-16

[21] **2,992,645**
[13] A1

[51] **Int.Cl. H04W 4/00 (2018.01) H04W 74/06 (2009.01) A01M 23/00 (2006.01)**

[25] EN

[54] **A PEST CONTROL MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE ET DE LUTTE ANTIPARASITAIRE**

[72] ZOSIMADIS, PETER, CA

[71] SMART WAVE TECHNOLOGIES CORP., CA

[85] 2018-01-16

[86] 2016-07-21 (PCT/CA2016/050860)

[87] (WO2017/011916)

[30] US (62/195,210) 2015-07-21

[21] **2,992,650**
[13] A1

[51] **Int.Cl. C09J 5/02 (2006.01) C09J 5/04 (2006.01) C09J 7/00 (2018.01)**

[25] EN

[54] **REACTIVE ADHESIVE FILM SYSTEM FOR THE BONDING OF NONPOLAR SURFACES**

[54] **SYSTEME DE FILMS ADHESIFS REACTIFS POUR COLLER DES SURFACES NON POLAIRES**

[72] CLARET, ELMA, FR

[72] DIETZE, SEBASTIAN, DE

[72] HANNEMANN, FRANK, DE

[72] KOOPS, ARNE, DE

[72] SCHUMANN, UWE, DE

[71] TESA SE, DE

[85] 2018-01-16

[86] 2016-07-05 (PCT/EP2016/065882)

[87] (WO2017/021085)

[30] DE (10 2015 009 764.4) 2015-07-31

[21] **2,992,656**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR REDUCING TORQUE ON A DRILL STRING**

[54] **APPAREIL ET PROCEDE POUR LA REDUCTION DU COUPLE SUR UN TRAIN DE TIGES DE FORAGE**

[72] LUTGRING, KEITH, US

[72] WEBER, MATTHEW, US

[72] L'ATHOLAIS, BURNEY, US

[72] HINING, IRA, US

[72] BUYTAERT, JEAN, US

[71] FRANK'S INTERNATIONAL, LLC, US

[85] 2018-01-15

[86] 2016-07-29 (PCT/US2016/044636)

[87] (WO2017/019934)

[30] US (62/199,136) 2015-07-30

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[13] A1
[51] Int.Cl. C02F 11/18 (2006.01)
[25] EN
[54] METHOD AND FACILITY FOR THE SEMI-CONTINUOUS THERMAL HYDROLYSIS OF SLUDGE
[54] PROCEDE ET INSTALLATION POUR L'HYDROLYSE THERMIQUE SEMI-CONTINUE DES BOUES
[72] AUPETTT, THIERRY, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2018-01-16
[86] 2016-07-08 (PCT/EP2016/066255)
[87] (WO2017/021097)
[30] FR (1557397) 2015-07-31

[21] 2,992,658
[13] A1
[51] Int.Cl. B26D 7/01 (2006.01) G01N 1/04 (2006.01) G01N 1/18 (2006.01)
[25] EN
[54] SEED SAMPLING SYSTEM AND METHOD
[54] PROCEDE ET SYSTEME D'ECHANTILLONNAGE DE GRAINES
[72] BUIT, TYLER, US
[72] RAPIER, BRANDON SCOTT, US
[72] FREDERICKSEN, ERIC, US
[72] SETLUR, PRADEEP, US
[72] RUEGGAR, MAX O., US
[72] CRASTA, OSWALD R., US
[72] RAM, RAGHAV, US
[72] MARRI, PRADEEP R., US
[72] PARTHASARTHIY, NAVEEN KUMAR, US
[72] UBAYASENA, LASANTHA CHANDANA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-01-15
[86] 2016-07-29 (PCT/US2016/044670)
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[30] US (62/199,468) 2015-07-31

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[25] EN
[54] APPARATUS FOR THE TWO-SIDED COATING OF AT LEAST ONE RUNNING FLAT MATERIAL WEB
[54] DISPOSITIF DE REVETEMENT DES DEUX FACES D'AU MOINS UN BANDE CONTINUE DE MATERIAU PLAT
[72] RUTZ, ANDREAS, DE
[72] HERZ, ANDREAS, DE
[71] LINDAUER DORNIER GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
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[54] HEAVY CHAIN ONLY ANTIBODIES TO ANG-2
[54] ANTICORPS CONTENANT SEULEMENT UNE CHAINE LOURDE CONTRE ANG-2
[72] LIANG, YANBIN, US
[72] GIL, DANIEL W., US
[71] ALLERGAN, INC., US
[85] 2018-01-15
[86] 2016-07-29 (PCT/US2016/044838)
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[54] COUNTERFEIT PREVENTION
[54] PREVENTION DE CONTREFACON
[72] MICALI, SILVIO, US
[71] MICALI, SILVIO, US
[85] 2018-01-15
[86] 2016-08-01 (PCT/US2016/044959)
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[30] US (62/199,650) 2015-07-31

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[54] PHENYL UREA ANALOGS AS FORMYL PEPTIDE RECEPTOR 1 (FPR1) SELECTIVE AGONISTS
[54] ANALOGUES DE PHENYLUREE EN TANT QU'AGONISTES SELECTIFS DE RECEPTEUR DE PEPTIDES N-FORMYLES (FPR1)
[72] DUONG, TIEN T., US
[72] BEARD, RICHARD L., US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2018-01-15
[86] 2016-08-02 (PCT/US2016/045114)
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[54] METHOD TO OPERATE A GRINDER
[54] PROCEDE POUR FAIRE FONCTIONNER UN BROYEUR
[72] VOESTIEN, MARTIEN, NL
[72] MARCELIS, LOUIS, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
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[72] RIPERT, ANNE, FR

[72] MICHAU, PASCAL-DANIEL, FR

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[54] SCREEN SEGMENT COMPRISING WEAR-RESISTANT ELEMENTS

[54] SEGMENT DE CRIBLAGE MUNI D'ELEMENTS DE PROTECTION CONTRE L'USURE

[72] IRMAK, BARIS, DE

[72] NETTEMMEIER, INGO, DE

[72] FUHRMANN, BERNHARD, DE

[71] THYSENKRUPP AG, DE

[71] THYSENKRUPP INDUSTRIAL SOLUTIONS AG, DE

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[54] WASHING MACHINE FOR LONGITUDINAL PROFILED SECTIONS WITH A FILM COVER, AND METHOD FOR WASHING LONGITUDINAL PROFILED SECTIONS

[54] MACHINE DE LAVAGE DE PROFILES LONGS MUNIE D'UN FILM DE RECOUVREMENT, ET PROCEDE DE LAVAGE DE PROFILES LONGS

[72] RATTUNDE, ULRICH, DE

[71] RATTUNDE & CO GMBH, DE

[85] 2018-01-16

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[54] AUTONOMOUS DEVICE FOR STORING AND RELEASING ENERGY IN ORDER TO POWER A PIECE OF ELECTRICAL EQUIPMENT

[54] DISPOSITIF AUTONOME DE STOCKAGE ET DE LIBERATION D'ENERGIE POUR L'ALIMENTATION D'UN EQUIPEMENT ELECTRIQUE

[72] PROST, FRANCOIS, FR

[72] BENSE, WILLIAM, FR

[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2018-01-16

[86] 2016-07-15 (PCT/FR2016/051826)

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[54] METHOD FOR IMPROVING THE MECHANICAL AND HYDRAULIC CHARACTERISTICS OF FOUNDATION GROUNDS OF EXISTING BUILT STRUCTURES

[54] PROCEDE D'AMELIORATION DES CARACTERISTIQUES MECANQUES ET HYDRAULIQUES DE TERRAINS DE FONDATION DE STRUCTURES CONSTRUITES EXISTANTES

[72] BIRTELE, ANDREA, IT

[71] THUR S.R.L., IT

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[54] POLYETHYLENE TEREPHTHALATE RENFORCE PAR GRAPHENE

[72] HANAN, JAY CLARKE, US

[72] SHABAFROOZ, VAHID, US

[72] BANDLA, SUDHEER, US

[71] NIAGARA BOTTLING, LLC, US

[71] HANAN, JAY CLARKE, US

[71] SHABAFROOZ, VAHID, US

[71] BANDLA, SUDHEER, US

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[25] EN
[54] **HANDLE DEVICE FOR SURGICAL LIGHT COMPRISING SENSORS AS WELL AS SURGICAL LIGHT**
[54] **DISPOSITIF DE POIGNEE POUR UNE LAMPE DE SALLE D'OPERATION AVEC DES CAPTEURS AINSI QUE LAMPE DE SALLE D'OPERATION**
[72] STROLIN, JOACHIM, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
[85] 2018-01-16
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[25] EN
[54] **SIDE-CHANNEL MACHINE (COMPRESSOR, VACUUM PUMP OR BLOWER) HAVING AN EXTRACTION DUCT IN THE STRIPPER**
[54] **MACHINE A CANAL LATERAL (COMPRESSEUR, POMPE A VIDE OU SOUFFLANTE) MUNIE D'UN CANAL DE PRELEVEMENT DANS LE DEFLECTEUR**
[72] DITTMAR, RUDI, DE
[72] FISCHER, PETER, DE
[71] GARDNER DENVER DEUTSCHLAND GMBH, DE
[85] 2018-01-16
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[54] **METHOD OF TREATING CANCER WITH A COMBINATION OF BENZYLIDENEGUANIDINE DERIVATIVES AND CHEMOTHERAPEUTIC AGENT**
[54] **PROCEDE DE TRAITEMENT DE CANCER AVEC UNE COMBINAISON DE DERIVES DE BENZYLIDENEGUANIDINE ET D'AGENT CHIMIOThERAPEUTIQUE**
[72] GUEDAT, PHILIPPE, FR
[72] MINIOU, PIERRE, FR
[71] INFLECTIS BIOSCIENCE, FR
[85] 2018-01-16
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[54] **METHOD FOR PROVIDING A SUCCINIC ACID SOLUTION**
[54] **PROCEDE POUR LA FOURNITURE D'UNE SOLUTION D'ACIDE SUCCINIQUE**
[72] JANSEN, PETER PAUL, NL
[72] VAN BREUGEL, JAN, NL
[72] VAN BOCHOVE, GERARD HENDRIK, NL
[72] VIDAL, LANCIS, JOSE MARIA, ES
[72] DEKIC ZIVKOVIC, TANJA, NL
[71] PURAC BIOCHEM B.V., NL
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[54] **POLYETHERAPIES**
[72] GUÐMUNDSDÓTTIR, AGUSTA, IS
[72] SCHIEVING, REYNIR, IS
[71] ENZYMATICA AB, SE
[85] 2018-01-16
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[54] **SYSTEM FOR OPTICAL WIRELESS POWER SUPPLY**
[54] **SYSTEME POUR ALIMENTATION ELECTRIQUE SANS FIL OPTIQUE**
[72] MOR, ORI REFAEL, IL
[72] ALPERT, ORTAL, IL
[72] SLEPOY, ALEXANDER, US
[72] GOLAN, LIOR, IL
[72] SAGI, RAN, IL
[72] SHMUKLER, VADIM, IL
[72] RONEN, EITAN, IL
[72] NAHMIA, OMER, IL
[72] VAISLEIB, VICTOR, IL
[71] WI-CHARGE LTD., IL
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[54] **SYSTEME DE CHASSE D'EAU D'ARTICLE SANITAIRE**
[72] FELDMAN, YOSEPH, IL
[72] MENDES, EMANUEL, IL
[71] FELDMAN, YOSEPH, IL
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[54] **TREATMENT INSTALLATION AND METHOD FOR TREATING WORKPIECES**
[54] **INSTALLATION DE TRAITEMENT ET PROCEDE POUR TRAITER DES PIECES**
[72] IGLAUER, OLIVER, DE
[72] WOLL, KEVIN, DE
[72] WIELAND, DIETMAR, DE
[72] WICKENHAUSER, JOACHIM, DE
[71] DURR SYSTEMS AG, DE
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[25] EN
[54] **DRIVE PLANNING DEVICE, TRAVEL ASSISTANCE APPARATUS, AND DRIVE PLANNING METHOD**
[54] **DISPOSITIF DE PLAN DE CONDUITE, DISPOSITIF D'AIDE A LA CIRCULATION ET PROCEDE DE PLAN DE CONDUITE**
[72] AOKI, MOTONOBU, JP
[72] FUJIKI, NORIAKI, JP
[72] FUJITA, SUSUMU, JP
[72] NISHIRA, HIKARU, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **NOVEL 6-6 BICYCLIC AROMATIC RING SUBSTITUTED NUCLEOSIDE ANALOGUES FOR USE AS PRMT5 INHIBITORS**
[54] **NOUVEAUX ANALOGUES NUCLEOSIDIQUES SUBSTITUES PAR UN CYCLE AROMATIQUE BICYCLIQUE 6-6 UTILES COMME INHIBITEURS DE PRMT5**
[72] WU, TONGFEI, BE
[72] BREHMER, DIRK, BE
[72] BEKE, LIJS, BE
[72] BOECKX, AN, BE
[72] DIELS, GASTON STANISLAS MARCELLA, BE
[72] GILISSEN, RONALDUS ARNODUS HENDRIKA JOSEPH, BE
[72] LAWSON, EDWARD CHARLES, US
[72] PANDE, VINEET, BE
[72] PARADE, MARCUS CORNELIS BERNARDUS CATHARINA, BE
[72] SCHIEPENS, WIM BERT GRIET, BE
[72] THURING, JOHANNES WILHELMUS JOHN F., BE
[72] VIELLEVOYE, MARCEL, BE
[72] SUN, WEIMEI, US
[72] MEERPOEL, LIEVEN, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[87] (WO2017/032840)
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[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, MEASUREMENT METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE MESURE ET CIRCUIT INTEGRE**
[72] UEMURA, KATSUNARI, JP
[72] YAMADA, SHOHEI, JP
[72] TSUBOI, HIDEKAZU, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-01-16
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[87] (WO2017/014111)
[30] JP (2015-144725) 2015-07-22

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[25] EN
[54] **WELLBORE DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES POUR Puits DE FORAGE**
[72] PURKIS, DANIEL, GB
[71] WELL-SENSE TECHNOLOGY LIMITED, GB
[85] 2018-01-16
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[30] GB (1512479.5) 2015-07-16

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[25] FR
[54] CLC METHOD AND FACILITY WITH PRODUCTION OF HIGH-PURITY NITROGEN
[54] PROCEDE ET INSTALLATION CLC AVEC PRODUCTION D'AZOTE DE HAUTE PURETE
[72] GUILLOU, FLORENT, FR
[72] BERTHOLIN, STEPHANE, FR
[72] YAZDANPANAH, MAHDI, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-01-16
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[25] EN
[54] INJECTABLE MACROPOROUS HYDROGELS
[54] HYDROGELS MACROPOREUX INJECTABLES
[72] BROGUIERE, NICOLAS, CH
[72] ZENOBI-WONG, MARCY, CH
[71] ETH ZURICH, CH
[85] 2018-01-16
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[25] EN
[54] ADHESIVE COMPOSITION AND PRODUCTION METHOD THEREOF
[54] COMPOSITION ADHESIVE ET SON PROCEDE DE PRODUCTION
[72] ARAKI, KIMINORI, JP
[71] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2018-01-16
[86] 2016-07-15 (PCT/JP2016/071021)
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[25] EN
[54] A NOVEL ZILPATEROL ANIMAL PREMIX FORMULATION
[54] NOUVELLE FORMULATION DE PREMELANGE D'ALIMENT POUR ANIMAUX A BASE DE ZILPATEROL
[72] FREEHAUF, KEITH, US
[72] CARRILLO, BRIAN, US
[72] ZHANG, JIYUE, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2018-01-16
[86] 2016-07-20 (PCT/EP2016/067273)
[87] (WO2017/013167)
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[54] ADHESIVE COMPOSITION AND PRODUCTION METHOD THEREFOR
[54] COMPOSITION ADHESIVE ET PROCEDE POUR LA PRODUIRE
[72] ARAKI, KIMINORI, JP
[71] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2018-01-16
[86] 2016-07-15 (PCT/JP2016/070995)
[87] (WO2017/014185)
[30] JP (2015-143179) 2015-07-17

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[25] EN
[54] NITROGEN-CONTAINING HETEROCYCLIC COMPOUND
[54] COMPOSE HETEROCYCLIQUE CONTENANT DE L'AZOTE
[72] TANAKA, TADASHI, JP
[72] FUJINO, MASATAKA, JP
[72] FURUYA, KENTARO, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-01-16
[86] 2016-07-15 (PCT/JP2016/071047)
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[30] JP (2015-143503) 2015-07-17
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[54] **DECOLLEMENT DE LA MEMBRANE EPIRETINNIENNE GUIDEE PAR TOMOGRAPHIE PAR COHERENCE OPTIQUE**

[72] PAPAC, MICHAEL J., US

[72] REN, HUGANG, US

[72] YU, LINGFENG, US

[71] NOVARTIS AG, CH

[85] 2018-01-16

[86] 2016-05-03 (PCT/IB2016/052516)

[87] (WO2017/033067)

[30] US (14/837,341) 2015-08-27

[21] **2,992,703**
[13] A1

[51] **Int.Cl. B32B 27/32 (2006.01) B65D 23/08 (2006.01) G09F 3/04 (2006.01)**

[25] EN

[54] **HEAT-SHRINKABLE MULTI-LAYER FILM**

[54] **FILM MULTICOUCHE THERMORETRACTABLE**

[72] OHINO, NAOKI, JP

[72] TANAKA, TADAYOSHI, JP

[71] GUNZE LIMITED, JP

[85] 2018-01-16

[86] 2016-09-27 (PCT/JP2016/078481)

[87] (WO2017/061308)

[30] JP (2015-197420) 2015-10-05

[21] **2,992,704**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) G06F 19/00 (2018.01)**

[25] EN

[54] **TUNING PREDICTIONS OF WELLBORE OPERATION PARAMETERS**

[54] **AJUSTEMENT DE PREDICTIONS DE PARAMETRES D'OPERATION DANS UN PUIT DE FORAGE**

[72] WILLIAMS, ROBERT LYNN, US

[72] PORTER, AIDAN JAMES, GB

[72] PEREIRA, VITOR LOPES, US

[72] GOLLAPALLI, JOSHUA SAMUEL, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-16

[86] 2015-08-27 (PCT/US2015/047287)

[87] (WO2017/034587)

[21] **2,992,707**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01)**

[25] EN

[54] **MAGNETIC PRESSURE SENSING SYSTEM FOR AN INFUSION PUMP**

[54] **SYSTEME DE DETECTION MAGNETIQUE DE PRESSION POUR POMPE A PERFUSION**

[72] JURETICH, JEFFERY T., US

[72] ELWOOD, MICHAEL K., US

[72] SZCZOTKA, DANIEL, US

[71] ZEVEX, INC., US

[85] 2018-01-16

[86] 2015-07-24 (PCT/US2015/041873)

[87] (WO2017/018974)

[21] **2,992,709**
[13] A1

[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01)**

[25] EN

[54] **MODIFIED HYDROXYETHYL CELLULOSIC POLYMERS FOR IMPROVED WELL BORE FLUIDS AND RELATED USES**

[54] **POLYMERES D'HYDROXYETHYL CELLULOSE MODIFIES POUR LIQUIDES AMELIORES DE FORAGE DE PUIT ET UTILISATIONS ASSOCIEES**

[72] GALINDO, KAY ANN, US

[72] MAGUIRE-BOYLE, SAMUEL JAMES, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-16

[86] 2015-08-20 (PCT/US2015/046065)

[87] (WO2017/030589)

[21] **2,992,710**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/00 (2012.01) G06F 19/00 (2018.01)**

[25] EN

[54] **DETERMINING SOURCES OF ERRONEOUS DOWNHOLE PREDICTIONS**

[54] **DETERMINATION DE SOURCES DE PREDICTIONS DE FOND DE TROU ERRONEES**

[72] WILLIAMS, ROBERT LYNN, US

[72] PORTER, AIDAN JAMES, GB

[72] PEREIRA, VITOR LOPES, US

[72] GOLLAPALLI, JOSHUA SAMUEL, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-01-16

[86] 2015-08-27 (PCT/US2015/047289)

[87] (WO2017/034588)

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[13] A1
[51] Int.Cl. E21B 43/00 (2006.01) E21B 47/00 (2012.01) G01V 11/00 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR PRODUCTION LOGGING TOOL (PLT) RESULTS INTERPRETATION
[54] PROCEDE ET APPAREIL POUR L'INTERPRETATION DE RESULTATS D'OUTIL DE DIAGNOSTIC DE PRODUCTION (PLT)
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[72] CARVAJAL, GUSTAVO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-16
[86] 2015-08-21 (PCT/US2015/046397)
[87] (WO2017/034528)

[21] 2,992,712
[13] A1
[51] Int.Cl. E21B 33/134 (2006.01) E21B 33/13 (2006.01) E21B 33/138 (2006.01)
[25] EN
[54] PLUGGING DEVICE DEPLOYMENT
[54] DEPLOIEMENT DE DISPOSITIF DE COLMATAGE
[72] WATSON, BROCK W., US
[72] FUNKHOUSER, GARY P., US
[71] THRU TUBING SOLUTIONS, INC., US
[85] 2018-01-16
[86] 2016-04-26 (PCT/US2016/029357)
[87] (WO2017/014820)
[30] US (62/195,078) 2015-07-21

[21] 2,992,713
[13] A1
[51] Int.Cl. C08G 18/66 (2006.01) B33Y 70/00 (2015.01) B29C 67/00 (2017.01) C08G 18/08 (2006.01) C08G 18/42 (2006.01) C08G 18/76 (2006.01)
[25] EN
[54] THERMOPLASTIC POLYURETHANE COMPOSITIONS FOR SOLID FREEFORM FABRICATION
[54] COMPOSITIONS DE POLYURETHANE THERMOPLASTIQUE POUR LA FABRICATION DE FORMES IRRÉGULIÈRES SOLIDES
[72] GREEN, JENNIFER, US
[72] COX, JOHN M., US
[72] VONTORCIK, JOSEPH J., JR., US
[72] MORGAN, BARBARA, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2018-01-15
[86] 2016-07-15 (PCT/US2016/042391)
[87] (WO2017/015073)
[30] US (62/193,975) 2015-07-17

[21] 2,992,716
[13] A1
[51] Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01)
[25] EN
[54] SECUREMENT OF A WEAR MEMBER TO AN EXCAVATION IMPLEMENT
[54] FIXATION D'UN ÉLÉMENT D'USURE À UN OUTIL D'EXCAVATION
[72] RUVANG, JOHN A., CA
[71] BLACK CAT BLADES LTD., CA
[85] 2018-01-16
[86] 2016-05-26 (PCT/US2016/034332)
[87] (WO2017/204809)

[21] 2,992,717
[13] A1
[51] Int.Cl. C12Q 1/68 (2018.01) C40B 40/06 (2006.01) C40B 50/00 (2006.01) C40B 50/06 (2006.01) C40B 50/10 (2006.01)
[25] EN
[54] METHODS OF AMPLIFYING NUCLEIC ACID SEQUENCES
[54] PROCÉDES D'AMPLIFICATION DE SÉQUENCES D'ACIDES NUCLEIQUES
[72] CHEN, CHONGYI, US
[72] XING, DONG, US
[72] XIE, XIAOLIANG SUNNEY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-01-16
[86] 2016-07-15 (PCT/US2016/042394)
[87] (WO2017/015075)
[30] US (62/193,733) 2015-07-17

[21] 2,992,718
[13] A1
[51] Int.Cl. G01N 23/20 (2018.01)
[25] EN
[54] FIXTURE TO SUPPORT REEL-TO-REEL INSPECTION OF SEMICONDUCTOR DEVICES OR OTHER COMPONENTS
[54] APPAREIL DESTINÉ À PRENDRE EN CHARGE UNE INSPECTION DE BOBINE-A-BOBINE DE DISPOSITIFS À SEMI-CONDUCTEURS OU D'AUTRES COMPOSANTS
[72] FASOLINO, STEPHEN T., US
[72] WHEELER, JASON L., US
[72] NG, JOSHUA, US
[71] RAYTHEON COMPANY, US
[85] 2018-01-16
[86] 2016-06-10 (PCT/US2016/037052)
[87] (WO2017/027095)
[30] US (14/822,723) 2015-08-10

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[21] 2,992,719
[13] A1

[51] **Int.Cl. H01B 3/10 (2006.01) H01B 7/42 (2006.01) H01B 13/32 (2006.01)**

[25] EN

[54] **ELECTRICAL ACCESSORIES FOR POWER TRANSMISSION SYSTEMS AND METHODS FOR PREPARING SUCH ELECTRICAL ACCESSORIES**

[54] **ACCESSOIRES ELECTRIQUES DESTINES A DES SYSTEMES DE TRANSMISSION D'ENERGIE ET PROCEDES POUR PREPARER CES ACCESSOIRES ELECTRIQUES**

[72] RANGANATHAN, SATHISH KUMAR, US

[72] MHETAR, VIJAY, US

[72] SIRIPURAPU, SRINIVAS, US

[72] DAVIS, CODY R., US

[72] WRIGHT, MICHAEL CHRISTOPHER, US

[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US

[85] 2018-01-16

[86] 2016-07-21 (PCT/US2016/043429)

[87] (WO2017/015512)

[30] US (62/195,036) 2015-07-21

[21] 2,992,720
[13] A1

[51] **Int.Cl. C11B 13/00 (2006.01)**

[25] EN

[54] **CHEMICAL ADDITIVES TO IMPROVE OIL SEPARATION IN STILLAGE PROCESS OPERATIONS**

[54] **ADDITIFS CHIMIQUES POUR L'AMELIORATION DU DESHUILAGE DANS DES OPERATIONS DE TRAITEMENT DE RESIDUS DE DISTILLATION**

[72] XIAO, LAN, US

[72] HUANG, XIAODONG, US

[72] WANG, XUEJUN, US

[72] EASTIN, PHILIP, US

[72] VAN'T HUL, JASON, US

[71] ECOLAB USA INC., US

[85] 2018-01-16

[86] 2016-07-18 (PCT/US2016/042714)

[87] (WO2017/015180)

[30] US (62/194,195) 2015-07-18

[30] US (62/194,196) 2015-07-18

[21] 2,992,721
[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 3/02 (2006.01) E21B 44/00 (2006.01) E21B 47/01 (2012.01) G01L 1/00 (2006.01)**

[25] EN

[54] **STRAIN GAUGE SPAN BLOCK**

[54] **BLOC DE PORTEE DE JAUGE DE CONTRAINTES**

[72] DEWALD, BRIAN DALE, CA

[71] TESCO CORPORATION, US

[85] 2018-01-16

[86] 2016-06-23 (PCT/US2016/039002)

[87] (WO2017/014903)

[30] US (14/802,257) 2015-07-17

[21] 2,992,722
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/24 (2006.01) A61K 31/454 (2006.01) A61K 31/498 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **SOLID PHARMACEUTICAL COMPOSITIONS FOR TREATING HCV**

[54] **COMPOSITIONS PHARMACEUTIQUES SOLIDES POUR LE TRAITEMENT DU VHC**

[72] ASMUS, KATHARIN, DE

[72] GAO, YI, US

[72] GARRETT, COLLEEN, US

[72] HACH, HARALD, DE

[72] JAYASANKAR, ADIVARAHA, US

[72] KYEREMATENG, SAMUEL, DE

[72] LANDER, UTE, DE

[72] MUELLER, THOMAS, DE

[72] NARIS, MARIUS, US

[72] OBERMILLER, CONSTANZE, DE

[72] REUL, REGINA, DE

[72] SCHNEIDER, KATRIN, DE

[72] SEVER, NANCY, US

[72] SIMON, MICHAEL, DE

[72] STEITZ, BENEDIKT, DE

[72] TONG, PING, US

[72] WESTEDT, ULRICH, DE

[72] ZHU, DONGHUA, US

[71] ABBVIE INC., US

[85] 2018-01-16

[86] 2016-07-18 (PCT/US2016/042806)

[87] (WO2017/015211)

[30] US (62/193,639) 2015-07-17

[30] US (62/295,309) 2016-02-15

[30] US (15/192,211) 2016-06-24

[21] 2,992,723
[13] A1

[51] **Int.Cl. E04G 21/24 (2006.01) A47H 1/022 (2006.01) E04G 21/30 (2006.01)**

[25] EN

[54] **PARTITION MOUNT SYSTEM INCLUDING HEAD COUPLER WITH ADJUSTABLE HEAD LENGTH AND HEAD POSITION**

[54] **SYSTEME DE MONTANT DE SEPARATION COMPRENANT UN COUPLEUR DE TETE DONT LA POSITION DE TETE ET LA LONGUEUR DE TETE REGLABLES**

[72] WHITTEMORE, JEFFREY, US

[71] ZIPWALL LLC, US

[85] 2018-01-16

[86] 2016-07-22 (PCT/US2016/043474)

[87] (WO2017/019478)

[30] US (62/196,598) 2015-07-24

[21] 2,992,724
[13] A1

[51] **Int.Cl. A61K 31/475 (2006.01) A61K 9/127 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **A READY-TO-USE FORMULATION FOR VINCRISTINE SULFATE LIPOSOME INJECTION**

[54] **FORMULATION PRETE A L'EMPLOI POUR L'INJECTION DE LIPOSOME DE SULFATE DE VINCRISTINE**

[72] MONTE, WILLIAM T., US

[72] ABRA, ROBERT MALCOLM, US

[72] LUO, BING, US

[72] ZHANG, YUANPENG, US

[71] SPECTRUM PHARMACEUTICALS, INC., US

[85] 2018-01-16

[86] 2016-07-22 (PCT/US2016/043622)

[87] (WO2017/015584)

[30] US (62/195,711) 2015-07-22

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[13] A1
[51] Int.Cl. B81C 1/00 (2006.01) B29C 43/02 (2006.01) B29C 59/02 (2006.01) B29C 59/04 (2006.01)
[25] EN
[54] MICROSTRUCTURED SURFACE
[54] SURFACE MICROSTRUCTUREE
[72] HULSEMAN, RALPH A., US
[72] TACKETT, KENNETH N., II, US
[72] MCPHERSON, CAMERON L., US
[72] HULSEMAN, CARL L., US
[72] TRIP, ROELOF, US
[72] MILBOCKER, MICHAEL, US
[72] BLUECHER, LUCAS G., DE
[71] HOOWAKI, LLC, US
[71] BVW HOLDING AG, CH
[85] 2018-01-16
[86] 2016-07-01 (PCT/US2016/040643)
[87] (WO2017/014936)
[30] US (14/802,632) 2015-07-17

[21] 2,992,727
[13] A1
[51] Int.Cl. C09D 7/61 (2018.01) C09D 125/10 (2006.01) C09D 131/04 (2006.01) C09D 133/00 (2006.01)
[25] EN
[54] COMPOSITIONS COMPRISING CERAMIC MICROSPHERES
[54] COMPOSITIONS COMPRENANT DES MICROSPHERES EN CERAMIQUE
[72] SHEFFELBINE, TERRI A., US
[72] BRUSTMAN, LISA A., US
[72] RINK, KEVIN J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-01-16
[86] 2016-07-13 (PCT/US2016/041961)
[87] (WO2017/015006)
[30] US (62/193,627) 2015-07-17

[21] 2,992,728
[13] A1
[51] Int.Cl. C07D 211/58 (2006.01)
[25] EN
[54] METHODS FOR PREPARING N-(4-FLUOROBENZYL)-N-(1-METHYLPYPERIDIN-4-YL)-N'-(4-(2-METHYLPROPYLOXY)PHENYL)METHYL)CARBAMIDE AND ITS TARTRATE SALT AND POLYMORPHIC FORM C
[54] PROCEDES DE PREPARATION DE N-(4-FLUOROBENZYL)-N-(1-METHYLPYPERIDIN-4-YL)-N'-(4-(2-METHYLPROPYLOXY)PHENYL)METHYL)CARBAMIDE, SON SEL DE TARTRATE ET SA FORME POLYMORPHE C
[72] CARLOS, MARLON, US
[72] TADEL, SAGUN, US
[72] OLSSON, ROGER, SE
[72] HILLGREN, MIKAEL, SE
[72] FLEMING, MATTHEW J., CH
[72] BOUDIER, ANDREAS PHILIPP, CH
[72] WEBER, BEAT T., CH
[71] ACADIA PHARMACEUTICALS INC., US
[85] 2018-01-16
[86] 2016-07-19 (PCT/US2016/042933)
[87] (WO2017/015272)
[30] US (62/194,725) 2015-07-20

[21] 2,992,729
[13] A1
[51] Int.Cl. B24B 3/52 (2006.01) B23D 67/00 (2006.01) B24B 3/00 (2006.01) B24B 3/36 (2006.01) B24D 15/00 (2006.01) B24D 15/06 (2006.01)
[25] EN
[54] SHARPENING APPARATUS FOR SCISSORS
[54] APPAREIL D'AFFUTAGE POUR CISEAUX
[72] JURANITCH, JOSEPH C., US
[72] JURANITCH, JOHN R., US
[71] RAZOR EDGE SYSTEMS, INC., US
[85] 2018-01-16
[86] 2016-07-13 (PCT/US2016/042082)
[87] (WO2017/015025)
[30] US (14/802,757) 2015-07-17

[21] 2,992,730
[13] A1
[51] Int.Cl. H01J 1/34 (2006.01) H01J 31/50 (2006.01)
[25] EN
[54] IMAGE INTENSIFIER WITH INDEXED COMPLIANT ANODE ASSEMBLY
[54] INTENSIFICATEUR D'IMAGES AVEC ENSEMBLE ANODE SOUPLE INDEXE
[72] COSTELLO, KENNETH, US
[72] RODERICK, KEVIN, US
[71] INTEVAC, INC., US
[85] 2018-01-16
[86] 2016-07-13 (PCT/US2016/042112)
[87] (WO2017/015028)
[30] US (14/801,807) 2015-07-16

[21] 2,992,731
[13] A1
[51] Int.Cl. A61K 31/445 (2006.01) A61K 31/27 (2006.01) A61K 31/46 (2006.01) A61P 25/28 (2006.01)
[25] EN
[54] MUSCARINIC COMBINATION OF A SELECTIVE M2-ANTAGONIST AND A PERIPHERAL NON-SELECTIVE ANTAGONIST FOR TREATING HYPOCHOLINERGIC DISORDERS
[54] COMBINAISON MUSCARINIQUE D'UN ANTAGONISTE SELECTIF DU RECEPTEUR M2 ET D'UN ANTAGONISTE NON SELECTIF PERIPHERIQUE POUR LE TRAITEMENT DE TROUBLES HYPOCHOLINERGIQUES
[72] CHASE, THOMAS, US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE PHARMACEUTICALS CORPORATION, US
[85] 2018-01-16
[86] 2016-07-20 (PCT/US2016/043108)
[87] (WO2017/015349)
[30] US (62/194,527) 2015-07-20
[30] US (62/298,206) 2016-02-22
[30] US (62/360,004) 2016-07-08

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[21] **2,992,732**
[13] A1

[51] **Int.Cl. A23G 4/08 (2006.01)**
[25] EN
[54] **CHEWING GUM AND GUM BASES CONTAINING ELASTOMERS DERIVED FROM EDIBLE OIL SOURCES**

[54] **BASES DE GOMME ET DE GOMME A MACHER CONTENANT DES ELASTOMERES DERIVES DE SOURCES D'HUILES COMESTIBLES**

[72] LIU, JINGPING, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-01-16
[86] 2016-07-13 (PCT/US2016/042122)
[87] (WO2017/015031)
[30] US (62/193,625) 2015-07-17

[21] **2,992,733**
[13] A1

[51] **Int.Cl. F16B 12/12 (2006.01) A47G 1/10 (2006.01) F16B 12/00 (2006.01) F16B 12/10 (2006.01) F16B 12/20 (2006.01) F16B 12/22 (2006.01)**
[25] EN
[54] **CHANNEL LOCK FASTENERS AND FASTENING SYSTEM**

[54] **ELEMENTS DE FIXATION A CANAUX ET SYSTEME DE FIXATION**

[72] KOELLING, FRED, US
[72] KOELLING, BRYAN, US
[72] SAVAGE, DANIEL, US
[72] DANG, HOANG, US
[71] LOCKDOWEL, INC., US
[85] 2018-01-16
[86] 2016-07-20 (PCT/US2016/043205)
[87] (WO2017/015402)
[30] US (62/194,800) 2015-07-20
[30] US (62/245,211) 2015-10-22

[21] **2,992,734**
[13] A1

[51] **Int.Cl. A61K 31/424 (2006.01) A61K 31/4353 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING DEVELOPMENTAL DISORDERS WITH GABOXADOL**

[54] **METHODES DE TRAITEMENT DE TROUBLES DU DEVELOPPEMENT AVEC LE GABOXADOL**

[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS, INC., US
[85] 2018-01-16
[86] 2016-07-14 (PCT/US2016/042238)
[87] (WO2017/015049)
[30] US (62/193,717) 2015-07-17
[30] US (62/207,595) 2015-08-20
[30] US (62/332,567) 2016-05-06
[30] US (62/346,763) 2016-06-07
[30] US (15/209,862) 2016-07-14

[21] **2,992,735**
[13] A1

[51] **Int.Cl. F16B 12/26 (2006.01) F16B 5/00 (2006.01) F16B 5/06 (2006.01) F16B 5/07 (2006.01) F16B 12/10 (2006.01) F16B 12/12 (2006.01)**
[25] EN
[54] **CLIP LOCK FASTENERS AND FASTENING SYSTEM**

[54] **ELEMENTS DE FIXATION A CLIP DE SECURITE ET SYSTEME DE FIXATION**

[72] KOELLING, FRED, US
[72] KOELLING, BRYAN, US
[72] SAVAGE, DANIEL, US
[71] LOCKDOWEL, INC., US
[85] 2018-01-16
[86] 2016-07-20 (PCT/US2016/043206)
[87] (WO2017/015403)
[30] US (62/194,794) 2015-07-20
[30] US (62/245,211) 2015-10-22

[21] **2,992,737**
[13] A1

[51] **Int.Cl. B31F 1/14 (2006.01) D21G 3/00 (2006.01)**
[25] EN
[54] **DOCTOR CONTROL SYSTEMS FOR PAPERMAKING MACHINES AND RELATED METHODS**

[54] **SYSTEMES DE COMMANDE DE RACLE DESTINES A DES MACHINES DE FABRICATION DE PAPIER ET PROCEDES ASSOCIES**

[72] EDDBAUER, MITCHELL S., US
[72] BONS, ROSS C., US
[72] HAINES, JASON A., US
[72] THOMSON, SCOTT M., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-01-16
[86] 2016-07-15 (PCT/US2016/042385)
[87] (WO2017/011714)
[30] US (62/193,372) 2015-07-16
[30] US (15/209,806) 2016-07-14

[21] **2,992,738**
[13] A1

[51] **Int.Cl. A61F 4/00 (2006.01) A61H 3/00 (2006.01) A63B 23/08 (2006.01)**
[25] EN
[54] **UNIVERSAL TENSEGRITY JOINTS FOR HUMAN EXOSKELETON**

[54] **ARTICULATION EN TENSEGRITE POUR EXOSQUELETTE HUMAIN UNIVERSEL**

[72] HUGHES, MIKE, US
[72] ANGOLD, RUSSDON, US
[72] VICKERS, JEFF, US
[72] ROAN, BRADLEY, US
[72] AMUNDSON, KURT, US
[72] FLEMING, NICHOLAS, US
[71] EKSO BIONICS, INC., US
[85] 2018-01-16
[86] 2016-07-15 (PCT/US2016/042418)
[87] (WO2017/015086)
[30] US (62/193,919) 2015-07-17

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[13] A1
- [51] **Int.Cl. A61B 1/012 (2006.01) A61B 1/00 (2006.01) A61B 1/005 (2006.01)**
- [25] EN
- [54] **ENDOSCOPE ACCESSORY WITH ANGULARLY ADJUSTABLE EXIT PORTAL**
- [54] **ACCESSOIRE D'ENDOSCOPE AVEC PORTAIL DE SORTIE A REGLAGE ANGULAIRE**
- [72] MILLER, SCOTT, US
- [71] GI SCIENTIFIC, LLC, US
- [85] 2018-01-16
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- [54] **AMPHIPHILIC PYRIDINIUM COMPOUNDS TO TREAT EPILEPSY AND OTHER DISORDERS OF THE NERVOUS SYSTEM**
- [54] **COMPOSES DE PYRIDINIUM AMPHIPHILES DESTINES A TRAITER L'EPILEPSIE ET D'AUTRES TROUBLES DU SYSTEME NERVEUX**
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- [54] **PHASED ARRAY LINE FEED FOR A REFLECTOR ANTENNA**
- [54] **INTERLIGNE RESEAU A COMMANDE DE PHASE POUR ANTENNE A REFLECTEUR**
- [72] WALKER, CHRISTOPHER K., US
- [71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
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- [54] **MODIFIED MONOCYTES/MACROPHAGE EXPRESSING CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF**
- [54] **MONOCYTES/MACROPHAGES MODIFIES EXPRIMANT DES RECEPTEURS D'ANTIGENE CHIMERIQUES ET LEURS UTILISATIONS**
- [72] GILL, SAAR, US
- [72] KLICHINSKY, MICHAEL, US
- [72] JUNE, CARL H, US
- [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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- [54] **ENSEMBLE D'IMPLANT DENTAIRE PRESENTANT DES CARACTERISTIQUES DE SCCELLEMENT AU NIVEAU D'INTERFACES DE COMPOSANTS**
- [72] ROGERS, DAN P., US
- [72] SUTTIN, ZACHARY B., US
- [71] BIOMET 3I, LLC, US
- [85] 2018-01-16
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- [54] **CELLULES VIDES AYANT DES SURFACES INCURVEES VERS L'EXTERIEUR**
- [72] DAHL, JEROD, US
- [72] FOLEY, PETER, US
- [72] MANNEY, THOMAS CHRISTOPHER, US
- [71] SKYDEX TECHNOLOGIES, INC., US
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- [72] JACKSON, STEWART, US
- [71] A.V.K. CARBO-BOND, INC., US
- [71] STRAHMAN VALVES, INC., US
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[54] **SYSTEM AND ASSOCIATED METHODOLOGY OF CREATING ORDER LIFECYCLES VIA DAISY CHAIN LINKAGE**
[54] **SYSTEME ET METHODOLOGIE ASSOCIEE POUR LA CREATION DE CYCLES DE VIE D'ORDRES AU MOYEN DE LIAISONS EN GUIRLANDE**
[72] PALMER, NEIL, US
[72] SHERMAN, MICHAEL, US
[71] FIDELITY NATIONAL INFORMATION SERVICES, INC., US
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[54] **PROCESSABLE POLYMERS AND METHODS OF MAKING AND USING THEREOF**
[54] **POLYMERES APTES A LA MISE EN ŒUVRE, LEURS PROCEDES DE PRODUCTION ET UTILISATION**
[72] REYNOLDS, JOHN ROBERT, US
[72] BULLOCH, RAYFORD H., US
[72] OSTERHOLM, ANNA M., US
[72] PONDER, JAMES F., JR., US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **HEAVY CHAIN ONLY ANTIBODIES TO PDGF**
[54] **ANTICORPS A CHAÎNE LOURDE UNIQUEMENT CONTRE LE PDGF**
[72] LIANG, YANBIN, US
[72] GIL, DANIEL W., US
[71] ALLERGAN, INC., US
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[54] **COMBINATION THERAPY USING LIPOSOMAL IRINOTECAN AND A PARP INHIBITOR FOR CANCER TREATMENT**
[54] **TRAITEMENT COMBINE UTILISANT L'IRINOTECAN LIPOSOMAL ET UN INHIBITEUR DE PARP POUR UN TRAITEMENT ANTICANCEREUX**
[72] BLANCHETTE, SARAH E., US
[72] DRUMMOND, DARYL C., US
[72] FITZGERALD, JONATHAN BASIL, US
[72] MOYO, VICTOR, US
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[54] **DETECTION DE NEOPLASME GASTRIQUE**
[72] ALLAWI, HATIM T., US
[72] AHLQUIST, DAVID A., US
[72] TAYLOR, WILLIAM R., US
[72] KISIEL, JOHN B., US
[72] YAB, TRACY C., US
[72] MAHONEY, DOUGLAS W., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[71] EXACT SCIENCES DEVELOPMENT COMPANY, LLC, US
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[54] **INDOOR POSITIONING SYSTEMS AND WIRELESS FINGERPRINTS**
[54] **SYSTEMES DE POSITIONNEMENT INTERIEUR ET EMPREINTES DIGITALES SANS FIL**
[72] TSAI, I-MING, CA
[72] BECKETT, JASON CHRISTOPHER, CA
[72] JAMPANI, KRISHNAM RAJU, CA
[72] MARTIN, DARYL JOSEPH, CA
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- [54] **METHODS AND MICROORGANISMS FOR THE PRODUCTION OF 1,3-BUTANEDIOL**
- [54] **PROCEDES ET MICRO-ORGANISMES DE PRODUCTION DE 1,3-BUTANEDIOL**
- [72] MAHADEVAN, RADHAKRISHNAN, CA
- [72] YAKUNIN, ALEXANDER, CA
- [72] GAWAND, PRATISHI, CA
- [72] NEMR, KAYLA, CA
- [71] GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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- [54] **GENETIC TESTING FOR ALIGNMENT-FREE PREDICTING RESISTANCE OF MICROORGANISMS AGAINST ANTIMICROBIAL AGENTS**
- [54] **TEST GENETIQUE POUR LA PREDICTION SANS ALIGNEMENT DE LA RESISTANCE MICRO-ORGANISMES CONTRE DES AGENTS ANTIMICROBIENS**
- [72] KELLER, ANDREAS, DE
- [72] SCHMOLKE, SUSANNE, DE
- [72] STAHLER, CORD FRIEDRICH, DE
- [72] BACKES, CHRISTINA, DE
- [72] GALATA, VALENTINA, DE
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- [54] **PDE4 INHIBITOR FOR THE TREATMENT OF DIABETIC NEPHROPATHY**
- [54] **INHIBITEUR DE LA PDE4 POUR LE TRAITEMENT DE LA NEPHROPATHIE DIABETIQUE**
- [72] HANAUER, GUIDO, DE
- [72] VOLLERT, STEPHANIE, DE
- [72] HAZAMA, MASATOSHI, JP
- [72] MATSUO, TAKANORI, JP
- [71] TAKEDA GMBH, DE
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- [54] **MONOCLONAL ANTIBODIES AGAINST BCMA**
- [54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE BCMA**
- [72] VU, MINH, DIEM, CH
- [72] STREIN, KLAUS, DE
- [72] AST, OLIVER, CH
- [72] BACAC, MARINA, CH
- [72] DELON, CAMILLE, CH
- [72] DUERNER, IYDIA, JASMIN, CH
- [72] FREIMOSER-GRUNDSCHOBER, ANNE, CH
- [72] KLEIN, CHRISTIAN, CH
- [72] MOESSNER, EKKEHARD, CH
- [72] MOSER, SAMUEL, CH
- [72] UMANA, PABLO, CH
- [72] WEINZIERL, TINA, CH
- [71] ENGMB SARL, CH
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- [54] **CUTTING BIT CARRIER FOR CUTTING BITS**
- [54] **PORTE-TREPAN TRANCHANT POUR TREPANS TRANCHANTS**
- [72] KRATOCHVIL, STEFAN, DE
- [72] RASCHKA, JOACHIM, DE
- [72] BERGER, STEFAN, DE
- [72] BROTZMANN, GERHARD, DE
- [72] MARKOWSKI, MICHAEL, DE
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- [54] **PLANTES MODIFIEES**
- [72] GAO, CAIXIA, CN
- [72] QIU, JIN-LONG, CN
- [72] WANG, YANPENG, CN
- [71] INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY CHINESE ACADEMY OF SCIENCES, CN
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- [54] **MOLECULES D'ACIDE NUCLEIQUE ARTIFICIELLES**
- [72] SCHLAKÉ, THOMAS, DE
- [72] GRUND, STEFANIE, DE
- [71] CUREVAC AG, DE
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[54] **DISPOSITIF ET PROCEDE D'ENCAPSULATION D'AIGUILLE A L'AIDE D'UN CAPUCHON EN PLASTIQUE D'AIGUILLE CORRESPONDANTE**

[72] AHMADI, FARHANA HASSAN MOHAMMAD KAZEM, GB

[72] WAGSTAFF, STEVE, GB

[72] WHITE, NEIL STEPHEN, GB

[72] SMITH, STEPHEN ROBIN, GB

[72] MASON, JONATHAN EDWARD, GB

[72] WOZNIAK, MAXIMILIAN VINCENT, GA

[72] STROHMEIER, MARTIN GEORG, GA

[71] MEDESCIA LIMITED, GB

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[54] **METHOD FOR MANUFACTURING A MEMBRANE ASSEMBLY**

[54] **PROCEDE DE FABRICATION D'UN ENSEMBLE A MEMBRANE**

[72] KLOOTWIJK, JOHAN HENDRIK, NL

[72] VAN DEN EINDEN, WILHELMUS THEODORUS ANTHONIUS JOHANNES, NL

[71] ASML NETHERLANDS B.V., NL

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[54] **COMPOSITION COMPRISING TASTE MODULATION COMPOUNDS, THEIR USE AND FOODSTUFF COMPRISING THEM**

[54] **COMPOSITION COMPRENANT DES COMPOSES MODULATEURS DE GOUT, SON UTILISATION ET PRODUIT ALIMENTAIRE LA COMPRENANT**

[72] JOSEPHSON, DAVE, US

[71] V. MANE FILS, FR

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[54] **IMPLANT WITH AN BIOACTIVE COATING AND METHOD FOR PROVIDING THE SAME**

[54] **IMPLANT AYANT UN REVETEMENT BIOACTIF ET PROCEDE PERMETTANT DE FOURNIR CE DERNIER**

[72] CARTIER, REGIS, DE

[72] MANNEL, HENRICH, DE

[72] BARANOWSKI, NORBERT, DE

[71] BIOMET DEUTSCHLAND GMBH, DE

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[54] **PROCEDE POUR AUGMENTER L'HOMOGENEITE DE PROPRIETES DE FROMAGES SALES EN SAUMURE**

[72] FILIPPO, ACERBI, FR

[72] BUIJS, VEERLE, NL

[71] ROYAL BEL LEERDAMMER B.V., NL

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[54] **INTERMEDIATE STRUCTURE UNIT FOR SECONDARY CELL AND METHOD FOR MANUFACTURING SECONDARY CELL**

[54] **STRUCTURE INTERMEDIAIRE DE BATTERIE SECONDAIRE ET PROCEDE DE FABRICATION D'UNE BATTERIE SECONDAIRE**

[72] SATO, YUKI, JP

[72] TSUNOKUNI, KAZUYUKI, JP

[72] SAITO, TOMOKAZU, JP

[71] KABUSHIKI KAISHA NIHON MICRONICS, JP

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- [54] **IMPROVED ALUMINIUM-DOPED CHELATE RESINS CONTAINING IMINOACETIC ACID GROUPS**
- [54] **RESINES CHELATANTES DOPEES A L'ALUMINIUM, CONTENANT UN GROUPE ACIDE IMINOACETIQUE**
- [72] NEUMANN, STEFAN, DE
- [72] KOOP, BERND, DE
- [72] BARBIER, JENNY, DE
- [72] KLIPPER, REINHOLD, DE
- [71] LANXESS DEUTSCHLAND GMBH, DE
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- [54] **PROCEDE POUR L'IMPRESSION DE MODELES DE CULTURE TISSULAIRE 3D**
- [72] O'MAHONY, AIDAN PATRICK, AU
- [72] UTAMA, ROBERT HADINOTO, AU
- [72] FIFE, CHRISTOPHER MICHAEL, AU
- [72] ATAPATTU, LAKMALI, AU
- [72] RIBEIRO, JULIO CESAR CALDEIRA, AU
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- [72] GOODING, JOHN JUSTIN, AU
- [71] INVENTIA LIFE SCIENCE PTY LTD, AU
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- [72] GUGLIELMO, COSTA, IT
- [71] ADAMA AGAN LTD., IL
- [85] 2018-01-17
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- [54] **PROCEDE DE FABRICATION D'UN SUBSTRAT EN ACIER REVETU DE METAL EMAILLE DEPOURVU DE CO ET DE NI ET COMPOSITION DE PRIMAIRE A CET EFFET**
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- [72] LEVEAUX, MARC HENRI ANDRE, BE
- [72] KNOCKAERT, PIERRE CLAUDE VICTOR, BE
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- [54] **POLYETHYLENE TEREPHTHALATE RENFORCE DE GRAPHENE**
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- [72] BANDLA, SUDHEER, US
- [71] NIAGARA BOTTLING, LLC, US
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[72] ASGEIRSSON, ASGEIR, IS

[72] STEFANSSON, BJARKI, IS

[71] ENZYMATICA AB, SE

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[72] KONKEL, ANNE, DE

[72] WESSER, TIM, DE

[72] WESTPHAL, PHILIPP, DE

[72] SCHUNK, WOLF-HAGEN, DE

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[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

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[54] PROCEDE ET SYSTEME POUR LA FABRICATION DE MOULES ET DE COMPOSANTS ARCHITECTURAUX EN BETON REALISES DE FACON PERSONNALISEE

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[72] SCHIMOLKE, SUSANNE, DE

[72] STAHLER, CORD FRIEDRICH, DE

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[72] GALATA, VALENTINA, DE

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[72] HOMMA, MASATOSHI, JP
[72] NODA, KAZUYUKI, JP
[72] SHINANO, HIROKATSU, JP
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[72] SAWAMOTO, DAISUKE, JP
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[72] PHAN, TIEN, US
[72] FROMM, DAVID, US
[72] CASLER, RICK, US
[72] DICKENS, DUSTIN, US
[72] MORITA, STUART, US
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[72] EICK, PETER M., US
[72] BREWER, JOEL D., US
[71] CONOCOPHILLIPS COMPANY, US
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[72] DUY, NGUYEN DUC, VN
[72] DECIL, CO DAU, VN
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[72] SHOOK, BRIAN C., US
[72] KIM, IN JONG, US
[72] BLAISDELL, THOMAS P., US
[72] YU, JIANMING, US
[72] PANARESE, JOSEPH, US
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[72] BUSETTI, SETH, US
[72] FANG, ZIJUN, US
[72] AMENDT, DAVID V., US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **RADIATEUR D'ENSEMBLES DE THYRISTORS POUR VANNE A CONVERTISSEUR DE CC**

[72] ZHANG, XIANG, CN
[72] FANG, TAIXUN, CN
[72] CAO, DONGMING, CN
[72] CHEN, CHIHAN, CN
[72] ZHANG, GUANGTAI, CN
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[54] **VEHICULE UTILITAIRE DOTE DE CADRE D'HABITACLE ARRIERE REPLIABLE**

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[72] GOFFMAN, DANIEL L., US
[72] RASKA, JASON K., US
[72] HEFLAND, JONATHAN M., US
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[72] ZHAO, MIN, US
[72] LIU, LEI, US
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[72] GIFFORD, JAMES, US
[71] DOW AGROSCIENCES LLC, US
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[54] **NOUVEAUX COMPOSES A UTILISER POUR AMELIORER LA COGNITION**

[72] CUADRADO TEJEDOR, MARIA DEL MAR, ES
[72] GARCIA OSTA, ANA MARIA, ES
[72] OYARZABAL SANTAMARINA, JULEN, ES
[72] RABAL GRACIA, MARIA OBDULIA, ES
[72] SANCHEZ ARIAS, JUAN ANTONIO, ES
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[54] **MANCHON DE CRYOTHERAPIE ET DE COMPRESSION ET PROCEDES D'UTILISATION**

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[71] RIORDAN, MICHAEL, US
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[72] WILLIS, BRADLEY THOMAS, US
[72] NORRIS, DAVID ANDREW, US
[72] FORSYTHE, SHANNON FREDERICK, US
[72] KROKER, JORG, US
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[54] COMPOSITIONS ET PROCEDES POUR FORMES DE SUBSTANCE LYOPHILE DE NANOPARTICULES
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[72] ADAMI, ROGER, US
[72] WANG, YUWEI, US
[72] YING, HAIQING, US
[72] WANG, LIPING, US
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[54] SYSTEME ET PROCEDE DE GESTION DE CLIENTS ET D'INTERACTION AVEC DES CLIENTS DANS UN LIEU D'ACTIVITE
[72] VANSLETTE, DAVID J., US
[72] NUNN, JAMES K.B., US
[72] RICCIO, LUCIUS, US
[72] JELICIC, MIRO, US
[71] FAIRWAYIQ, INC., US
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[72] FEIGUM, ADAM C., US
[72] HEYDARPOUR, RAMIN, US
[72] LIN, KENNETH, US
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[54] ANTICORPS BISPECIFIQUES SPECIFIQUES DE PD1 ET TIM3
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[72] FERTIG, GEORG, DE
[72] FISCHER, JENS, DE
[72] KLEIN, CHRISTIAN, CH
[72] LEVITSKI, VIKTOR, CH
[72] LIFKE, VALERIA, DE
[72] PERRO, MARIO, CH
[72] REGULA, JOERG THOMAS, DE
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[72] UMANA, PABLO, CH
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[25] EN
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[72] BARENBOYM, MICHAEL, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] SYSTEME DE PAROI AVEC ENSEMBLE DE MONTAGE DE DISPOSITIF ELECTRONIQUE
[72] VAN DE SYPE, MICHAEL, CA
[72] BLEHM, COLIN, CA
[71] DIRT ENVIRONMENTAL SOLUTIONS INC., US
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[54] **INGREDIENT ALIMENTAIRE RICHE EN PROTEINE PROVENANT D'UNE BIOMASSE ET PROCEDES DE PREPARATION**

[72] RUTT, GEORGE C., US
[72] FLATT, JAMES H., US
[72] DOMAILLE, PETER, US
[72] TOLEDO, GERARDO V., US
[72] DUEPPEN, DANIEL G., US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2018-01-17
[86] 2016-01-25 (PCT/US2016/014725)
[87] (WO2017/019125)
[30] US (14/809,051) 2015-07-24

[21] 2,992,862
[13] A1

[51] Int.Cl. F15D 1/10 (2006.01) B63H 1/28 (2006.01) B64C 11/02 (2006.01) B64C 11/18 (2006.01) F03B 3/12 (2006.01) F03D 1/06 (2006.01)

[25] EN

[54] **FLUID-REDIRECTING STRUCTURE**

[54] **STRUCTURE DE REORIENTATION DE FLUIDE**

[72] CHURCH, RYAN, CA
[71] CHURCH, RYAN, CA
[85] 2018-01-18
[86] 2015-08-05 (PCT/CA2015/050739)
[87] (WO2016/019466)
[30] US (62/033,331) 2014-08-05

[21] 2,992,863
[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/40 (2006.01)

[25] EN

[54] **BISPECIFIC ANTIBODIES SPECIFIC FOR A COSTIMULATORY TNF RECEPTOR**

[54] **ANTICORPS BISPECIFIQUES SPECIFIQUES D'UN RECEPTEUR DE CO-STIMULATION DU TNF**

[72] AMANN, MARIA, CH
[72] BRUENKER, PETER, CH
[72] CLAUS, CHRISTINA, CH
[72] FERRARA KOLLER, CLAUDIA, CH
[72] GRAU-RICHARDS, SANDRA, CH
[72] HOSSE, RALF, CH
[72] KLEIN, CHRISTIAN, CH
[72] LEVITSKI, VIKTOR, CH
[72] UMANA, PABLO, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-01-18
[86] 2016-09-29 (PCT/EP2016/073185)
[87] (WO2017/055398)
[30] EP (15188095.2) 2015-10-02
[30] EP (16170363.2) 2016-05-19

[21] 2,992,864
[13] A1

[51] Int.Cl. F03D 3/06 (2006.01) F03D 3/00 (2006.01) F03D 9/00 (2016.01)

[25] EN

[54] **STRUCTURE WITH RIGID WINGLET ADAPTED TO TRAVERSE A FLUID ENVIRONMENT**

[54] **STRUCTURE DOTE D'UNE DERIVE RIGIDE ADAPTEE POUR TRAVERSER UN ENVIRONNEMENT FLUIDE**

[72] CHURCH, RYAN, CA
[71] CHURCH, RYAN, CA
[85] 2018-01-18
[86] 2015-08-05 (PCT/CA2015/050740)
[87] (WO2016/019467)
[30] US (62/033,331) 2014-08-05

[21] 2,992,875
[13] A1

[51] Int.Cl. A61L 2/14 (2006.01) B01D 53/32 (2006.01)

[25] EN

[54] **PLASMA AIR PURIFIER**

[54] **PURIFICATEUR D'AIR A PLASMA**

[72] DURFEE, EILEEN LOUISE, US
[71] CREATRIX SOLUTIONS LLC, US
[85] 2018-01-17
[86] 2015-07-23 (PCT/US2015/041644)
[87] (WO2017/014780)
[30] US (62/193,887) 2015-07-17

[21] 2,992,876
[13] A1

[51] Int.Cl. G01F 1/66 (2006.01) G01F 1/74 (2006.01)

[25] EN

[54] **METHODOLOGY AND APPARATUS FOR DISTINGUISHING SINGLE PHASE FLUID FLOWS FROM MULTIPHASE FLUID FLOWS USING A FLOW METER**

[54] **METHODOLOGIE ET APPAREIL POUR DISTINGUER DES ECOULEMENTS DE FLUIDES MONOPHASIQUES A PARTIR D'ECOULEMENTS DE FLUIDES POLYPHASIQUES A L'AIDE D'UN DEBITMETRE**

[72] SAPACK, MICHAEL, US
[72] CURRY, PATRICK, US
[72] BELLEMORE, DAVID, US
[72] WINSTON, CHARLES, US
[72] BEELOO, EDWARD, US
[71] EXPRO METERS, INC., US
[85] 2018-01-17
[86] 2015-07-28 (PCT/US2015/042485)
[87] (WO2017/019041)

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[21] 2,992,879
[13] A1
[51] Int.Cl. A61K 9/51 (2006.01) A61K 31/045 (2006.01) A61K 47/30 (2006.01)
[25] EN
[54] DELIVERY OF BIOACTIVE, NANOENCAPSULATED ANTIOXIDANTS
[54] ADMINISTRATION D'ANTIOXYDANTS BIOACTIFS NANO-ENCAPSULES
[72] SABLIOV, CHRISTINA M., US
[72] ASTETE, CARLOS E., US
[72] BODOKI, EDE, RO
[72] VOSTINARU, OLIVIU, RO
[72] SAMOILA, OVIDIU CIPRIAN, RO
[72] DINTE, ELENA, RO
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[71] IULIU HATTEGANU UNIVERSITY OF MEDICINE AND PHARMACY, RO
[85] 2018-01-17
[86] 2015-08-10 (PCT/US2015/044483)
[87] (WO2016/025394)
[30] US (62/035,683) 2014-08-11
[30] US (62/172,455) 2015-06-08

[21] 2,992,881
[13] A1
[51] Int.Cl. C09K 8/42 (2006.01) C09K 8/02 (2006.01) E21B 33/13 (2006.01)
[25] EN
[54] SUPERHYDROPHOBIC ADDITIVE
[54] ADDITIF SUPERHYDROPHOBE
[72] PEARL, WILLIAM CECIL JR., US
[72] PEARL, MEGAN R., US
[72] PAIVA, MARIA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-17
[86] 2015-08-27 (PCT/US2015/047224)
[87] (WO2017/034582)

[21] 2,992,882
[13] A1
[51] Int.Cl. E21B 33/13 (2006.01) G05B 17/02 (2006.01) G06F 9/455 (2018.01)
[25] EN
[54] SOFTWARE SIMULATION METHOD FOR ESTIMATING FLUID POSITIONS AND PRESSURES IN THE WELLBORE FOR A DUAL GRADIENT CEMENTING SYSTEM
[54] PROCEDE DE SIMULATION LOGICIELLE SERVANT A ESTIMER DES POSITIONS ET DES PRESSIONS DE FLUIDE DANS LE Puits DE FORAGE POUR UN SYSTÈME DE CIMENTATION A DOUBLE GRADIENT
[72] GUPTA, GAURAV, US
[72] LOU, ZHUOMING, US
[72] TRIVEDI, DHAVAL, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-01-17
[86] 2015-09-02 (PCT/US2015/048069)
[87] (WO2017/039649)

[21] 2,992,885
[13] A1
[51] Int.Cl. C07D 471/04 (2006.01) A01N 43/52 (2006.01)
[25] EN
[54] MICROBIOCIDAL HETEROBICYCLIC DERIVATIVES
[54] DERIVES HETEROBICYCLIQUES MICROBIOCIDES
[72] QUARANTA, LAURA, CH
[72] TRAH, STEPHAN, CH
[72] WEISS, MATTHIAS, CH
[72] BOU HAMDAN, FARHAN, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-01-18
[86] 2016-08-08 (PCT/EP2016/068890)
[87] (WO2017/025510)
[30] EP (15180771.6) 2015-08-12

[21] 2,992,887
[13] A1
[51] Int.Cl. B81B 3/00 (2006.01) G02B 26/08 (2006.01) G02B 27/18 (2006.01) G02F 1/13 (2006.01) G02F 1/335 (2006.01) G03B 21/00 (2006.01) G09F 9/00 (2006.01)
[25] EN
[54] SOFTWARE CONFIGURABLE LIGHTING DEVICE
[54] DISPOSITIF D'ECLAIRAGE CONFIGURABLE PAR LOGICIEL
[72] BLACK, MARK A., US
[72] RAINS, JACK C., JR., US
[72] RAMER, DAVID P., US
[72] RAJ, RASHMI KUMAR, US
[72] MAO, AN, US
[72] KOMANDURI, RAVI KUMAR, US
[72] MAHER, HAMPTON BOONE, US
[71] ABL IP HOLDING LLC, US
[85] 2018-01-12
[86] 2016-07-14 (PCT/US2016/042243)
[87] (WO2017/015051)
[30] US (62/193,859) 2015-07-17

[21] 2,992,889
[13] A1
[51] Int.Cl. C07D 403/12 (2006.01) A61P 27/02 (2006.01) C07D 231/12 (2006.01) C07D 231/56 (2006.01) C07D 237/14 (2006.01) C07D 249/12 (2006.01) C07D 401/12 (2006.01) C07D 407/04 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07F 7/08 (2006.01)
[25] EN
[54] PHENOXYMETHYL DERIVATIVES
[54] DERIVES DE PHENOXYMETHYLE
[72] HERT, JEROME, CH
[72] HUNZIKER, DANIEL, CH
[72] KUEHNE, HOLGER, CH
[72] LUEBBERS, THOMAS, CH
[72] MARTIN, RAINER E., CH
[72] MATTEI, PATRIZIO, CH
[72] NEIDHART, WERNER, CH
[72] RICHTER, HANS, CH
[72] RUDOLPH, MARKUS, CH
[72] PINARD, EMMANUEL, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-01-18
[86] 2016-09-01 (PCT/EP2016/070561)
[87] (WO2017/037146)
[30] EP (15183953.7) 2015-09-04
[30] EP (15197364.1) 2015-12-01

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[21] **2,992,892**
[13] A1

[51] **Int.Cl. A61K 47/18 (2017.01) A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01)**

[25] EN

[54] **LIPOSOMAL ADJUVANT COMPOSITIONS**

[54] **COMPOSITIONS D'ADJUVANT LIPOSOMAL**

[72] DOMINOWSKI, PAUL JOSEPH, US

[72] MWANGI, DUNCAN, US

[72] RAI, SHARATH K., US

[72] FOSS, DENNIS L., US

[72] GODBEE, TRACI K., US

[72] SLY, LAUREL MARY, US

[72] MAHAN, SUMAN, US

[72] VORA, SHAUNAK, US

[71] ZOETIS SERVICES LLC, US

[85] 2018-01-17

[86] 2016-07-19 (PCT/US2016/042882)

[87] (WO2017/015252)

[30] US (62/194,355) 2015-07-20

[21] **2,992,894**
[13] A1

[51] **Int.Cl. A61F 5/05 (2006.01) A61F 5/01 (2006.01) A61F 5/04 (2006.01)**

[25] EN

[54] **ORTHOPAEDIC BRACE WITH STABILIZER MEANS AND RELATED METHOD OF MANUFACTURE**

[54] **ORTHESE ORTHOPEDIQUE COMPORTANT UN MOYEN STABILISATEUR, ET PROCEDE DE FABRICATION ASSOCIE**

[72] CHURCH, RYAN, CA

[71] CHURCH, RYAN, CA

[85] 2018-01-18

[86] 2015-08-11 (PCT/CA2015/050759)

[87] (WO2016/023118)

[30] US (62/035,779) 2014-08-11

[21] **2,992,896**
[13] A1

[51] **Int.Cl. G08B 21/24 (2006.01) H04W 84/18 (2009.01) G01S 11/00 (2006.01) G01S 11/06 (2006.01) G01S 13/74 (2006.01)**

[25] EN

[54] **AUTOMATED SYSTEM AND PROCESS FOR PROVIDING PERSONAL SAFETY**

[54] **SYSTEME AUTOMATISE ET PROCEDE PERMETTANT D'ASSURER LA SECURITE PERSONNELLE**

[72] BEAN, CHARLES ALFRED, CA

[72] MULCAHY, DANIEL JAMES, CA

[71] JOBSAFE SYSTEMS INC., CA

[85] 2018-01-18

[86] 2016-07-20 (PCT/CA2016/050853)

[87] (WO2017/011911)

[30] US (62/194,467) 2015-07-20

[21] **2,992,899**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/737 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01)**

[25] FR

[54] **COMPOSITION FOR TREATING BRAIN LESIONS**

[54] **COMPOSITION POUR LE TRAITEMENT DES LESIONS CEREBRALES**

[72] BARRITAU, DENIS, FR

[72] BERNAUDIN, MYRIAM, FR

[72] TOUZANI, OMAR, FR

[72] TOUTAIN, JEROME, FR

[72] QUITTET, MARIE-SOPHIE, FR

[71] UNIVERSITE DE CAEN BASSE-NORMANDIE, FR

[71] ORGANES TISSUS REGENERATION REPARATION REMPLACEMENT - OTR3, FR

[71] BARRITAU, DENIS, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[85] 2017-11-27

[86] 2016-05-26 (PCT/EP2016/061905)

[87] (WO2016/189087)

[30] EP (15305806.0) 2015-05-28

[21] **2,992,900**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/40 (2006.01)**

[25] EN

[54] **BISPECIFIC ANTIBODIES WITH TETRAVALENCY FOR A COSTIMULATORY TNF RECEPTOR**

[54] **ANTICORPS BISPECIFIQUES TETRAVALENTS POUR UN RECEPTEUR DE CO-STIMULATION DU TNF**

[72] AMANN, MARIA, CH

[72] BRUENKER, PETER, CH

[72] CLAUS, CHRISTINA, CH

[72] FERRARA KOLLER, CLAUDIA, CH

[72] GRAU-RICHARDS, SANDRA, CH

[72] HOSSE, RALF, CH

[72] KLEIN, CHRISTIAN, CH

[72] LEVITSKI, VIKTOR, CH

[72] MOSER, SAMUEL, CH

[72] UMANA, PABLO, CH

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2018-01-18

[86] 2016-09-29 (PCT/EP2016/073198)

[87] (WO2017/060144)

[30] EP (15188809.6) 2015-10-07

[21] **2,992,903**
[13] A1

[51] **Int.Cl. G09G 5/39 (2006.01) A61F 2/30 (2006.01) A61F 2/32 (2006.01) A61F 2/36 (2006.01) A61F 2/46 (2006.01) G02B 3/12 (2006.01) G02B 26/00 (2006.01) G02F 1/31 (2006.01) G09G 3/28 (2013.01) G09G 3/32 (2016.01)**

[25] EN

[54] **SOFTWARE CONFIGURABLE LIGHTING DEVICE**

[54] **EXTRACTEUR DE CUPULE FEMORALE OU DE BILLE FEMORALE**

[72] TERMANINI, ZAFER, US

[72] VANHIEL, BRIAN, US

[71] HIP INNOVATION TECHNOLOGY, LLC, US

[85] 2018-01-15

[86] 2016-07-15 (PCT/US2016/042443)

[87] (WO2017/019330)

[30] US (62/197,220) 2015-07-27

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[21] 2,992,905
[13] A1
[51] Int.Cl. A01N 47/30 (2006.01) A01P 7/00 (2006.01) A61K 31/17 (2006.01)
[25] EN
[54] AGENT FOR FIGHTING FISH PARASITES
[54] AGENT DE LUTTE CONTRE LES PARASITES DES POISSONS
[72] WIJK-NILSEN, CHRISTER ROSS, NO
[72] ANDERSEN, RACHMILLA SOUHOCA, NO
[72] KARLSEN, MARIUS, NO
[71] PHARMAQ AS, NO
[85] 2018-01-18
[86] 2016-08-04 (PCT/EP2016/068665)
[87] (WO2017/021498)
[30] GB (1513872.0) 2015-08-05

[21] 2,992,907
[13] A1
[51] Int.Cl. A61F 2/54 (2006.01)
[25] EN
[54] PROSTHESIS SOCKET RETAINER AND SYSTEM COMPOSED OF PROSTHESIS SOCKET AND PROSTHESIS SOCKET RETAINER
[54] DISPOSITIF DE MAINTIEN DE TIGE PROTHETIQUE, SYSTEME CONSTITUE D'UNE TIGE PROTHETIQUE ET D'UN DISPOSITIF DE MAINTIEN DE TIGE PROTHETIQUE
[72] WAGNER, SONJA, AT
[72] FREY, ALICE, AT
[72] LUNZER, WALTER, AT
[71] OTTO BOCK HEALTHCARE PRODUCTS GMBH, AT
[85] 2018-01-18
[86] 2016-07-25 (PCT/EP2016/067659)
[87] (WO2017/017057)
[30] DE (10 2015 112 406.8) 2015-07-29

[21] 2,992,914
[13] A1
[51] Int.Cl. B23P 21/00 (2006.01) H02M 7/00 (2006.01)
[25] EN
[54] ASSEMBLY METHOD FOR DC CONVERTER VALVE
[54] PROCEDE D'ASSEMBLAGE POUR VALVE DE CONVERTISSEUR CC
[72] ZHANG, XIANG, CN
[72] YANG, FAN, CN
[72] BAL GUOXING, CN
[72] LI, ZHAO, CN
[72] LIU, LIANG, CN
[72] SHI, XIAODONG, CN
[71] NR ELECTRIC POWER ELECTRONICS CO., LTD., CN
[71] NR ELECTRIC CO., LTD., CN
[71] NR ENGINEERING CO., LTD., CN
[85] 2018-01-18
[86] 2016-07-13 (PCT/CN2016/089944)
[87] (WO2017/016392)
[30] CN (201510452757.9) 2015-07-28

[21] 2,992,918
[13] A1
[51] Int.Cl. A61K 38/46 (2006.01) C11D 3/386 (2006.01) C12N 9/20 (2006.01)
[25] EN
[54] USE OF ENZYMES WITH A WIDE PH ACTIVITY RANGE AS MEDICAMENTS FOR PROMOTING DIGESTION
[54] UTILISATION D'ENZYMES AYANT UNE LARGE PLAGE D'ACTIVITE DE PH COMME MEDICAMENTS POUR FAVORISER LA DIGESTION
[72] HARTMANN, MARCUS WOLF WILLIAM, DE
[72] ALDAG, INGO, DE
[71] CILIAN AG, DE
[85] 2018-01-18
[86] 2016-01-22 (PCT/EP2016/051341)
[87] (WO2016/116600)
[30] GB (1501081.2) 2015-01-22

[21] 2,992,921
[13] A1
[51] Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 39/16 (2006.01) A62B 18/02 (2006.01)
[25] EN
[54] EXHALATION PORT
[54] ORIFICE D'EXPIRATION
[72] FYFE, KATIE, NZ
[72] POWELL, KEVIN BLAKE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-01-18
[86] 2016-06-27 (PCT/NZ2016/050101)
[87] (WO2017/014647)
[30] US (62/194,747) 2015-07-20
[30] US (62/328,458) 2016-04-27

[21] 2,992,922
[13] A1
[51] Int.Cl. A61K 47/26 (2006.01) A61K 9/19 (2006.01) A61K 39/235 (2006.01)
[25] EN
[54] PHARMACEUTICAL COMPOSITION COMPRISING AN ADENOVIRAL VECTOR
[54] COMPOSITION PHARMACEUTIQUE COMPRENANT UN VECTEUR ADENOVIRAL
[72] BOURLES, ERWAN, BE
[72] MATHOT, FREDERIC, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2018-01-18
[86] 2016-07-20 (PCT/EP2016/067280)
[87] (WO2017/013169)
[30] GB (1513010.7) 2015-07-23

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[21] **2,992,923**
[13] A1

[51] **Int.Cl. A61K 31/352 (2006.01)**
[25] EN
[54] **SOLID DOSAGE FORM COMPOSITION FOR BUCCAL OR SUBLINGUAL ADMINISTRATION OF CANNABINOIDES**
[54] **COMPOSITION DE FORME GALENIQUE SOLIDE POUR UNE ADMINISTRATION PAR VOIE BUCCALE OU SUBLINGUALE DE CANNABINOIDES**
[72] MCCARTY, JOHN, A., US
[71] PHARMACEUTICAL PRODUCTIONS, INC., US
[85] 2018-01-18
[86] 2015-07-21 (PCT/US2015/041232)
[87] (WO2016/014454)
[30] US (61/999,239) 2014-07-21
[30] US (61/999,300) 2014-07-22

[21] **2,992,926**
[13] A1

[51] **Int.Cl. C07K 5/02 (2006.01) A61K 38/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PEPTIDE MACROCYCLES AGAINST ACINETOBACTER BAUMANNII**
[54] **MACROCYCLES PEPTIDIQUES CONTRE ACINETOBACTER BAUMANNII**
[72] ALANINE, ALEXANDER, CH
[72] BEIGNET, JULIEN, FR
[72] BLEICHER, KONRAD, CH
[72] FASCHING, BERNHARD, CH
[72] HILPERT, HANS, CH
[72] HU, TAISHAN, CN
[72] MACDONALD, DWIGHT, CA
[72] JACKSON, STEPHEN, CA
[72] KOLCZEWSKI, SABINE, CH
[72] KROLL, CARSTEN, CH
[72] SCHAEUBLIN, ADRIAN, CH
[72] SHEN, HONG, CN
[72] STOLL, THEODOR, CH
[72] THOMAS, HELMUT, CA
[72] WAHHAB, AMAL, CA
[72] ZAMPALONI, CLAUDIA, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-01-18
[86] 2016-10-24 (PCT/EP2016/075499)
[87] (WO2017/072062)
[30] EP (15191743.2) 2015-10-27
[30] CN (PCT/CN2016/100125) 2016-09-26

[21] **2,992,928**
[13] A1

[51] **Int.Cl. G06F 21/10 (2013.01) H04N 21/254 (2011.01) H04N 21/4627 (2011.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **A METHOD OF AND SYSTEM FOR PROVIDING ACCESS TO ACCESS RESTRICTED CONTENT TO A USER**
[54] **PROCEDE ET SYSTEME POUR FOURNIR A UN UTILISATEUR L'ACCES A UN CONTENU A ACCES RESTREINT**
[72] VALJAKKA, LAURI, FI
[72] JUSSILA, JUKKA-PEKKA, FI
[72] TAPIO, JARI, FI
[71] IPRA TECHNOLOGIES LTD OY, FI
[85] 2018-01-18
[86] 2015-07-08 (PCT/FI2015/050494)
[87] (WO2017/005960)

[21] **2,992,943**
[13] A1

[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MOBILE ADDITIVE MANUFACTURING WITH ADDITIVE MANUFACTURING ARRAYS**
[54] **PROCEDES ET APPAREIL DE FABRICATION D'ADDITIF MOBILE AVEC DES RESEAUX DE FABRICATION D'ADDITIFS**
[72] FLITSCH, ROBERT A., US
[72] FLITSCH, FREDERICK A., US
[71] FLITSCH, ROBERT A., US
[71] FLITSCH, FREDERICK A., US
[85] 2017-10-04
[86] 2016-04-13 (PCT/US2016/027309)
[87] (WO2016/168314)
[30] US (62/148,035) 2015-04-15
[30] US (62/286,836) 2016-01-25

[21] **2,992,944**
[13] A1

[51] **Int.Cl. G01V 3/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETECTING AN ARTICLE**
[54] **DISPOSITIF ET PROCEDE DE DETECTION D'UN OBJET**
[72] REIME, GERD, DE
[71] ZIRCON CORPORATION, US
[85] 2017-12-21
[86] 2016-06-17 (PCT/EP2016/064013)
[87] (WO2016/207073)
[30] DE (10 2015 211 551.8) 2015-06-23

[21] **2,992,947**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELECTRONIC CURRENCY MINING**
[54] **SYSTEME ET PROCEDE D'EXTRACTION DE MONNAIE ELECTRONIQUE**
[72] PIROOZ, ROBERT PARVIZ, CA
[71] PIROOZ, ROBERT PARVIZ, CA
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[30] US (62/048,697) 2014-09-10

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[54] **METHOD AND SYSTEM FOR TEMPLATED CONTENT GENERATION AND ASSESSMENT**
[54] **PROCEDE ET SYSTEME POUR UNE GENERATION ET UNE EVALUATION DE CONTENU MODELISE**
[72] FYFE, KENNETH RICHARD, CA
[72] SHARP, JUSTIN DANIEL, CA
[71] VARAFY CORPORATION, CA
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[30] US (62/195,188) 2015-07-21

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[25] EN
[54] USE OF THE SUCCINATE DEHYDROGENASE INHIBITOR FLUOPYRAM FOR CONTROLLING BLACKLEG IN BRASSICACEAE SPECIES
[54] UTILISATION DU FLUOPYRAM, INHIBITEUR DE LA SUCCINATE DESHYDROGENASE, POUR LUTTER CONTRE LA JAMBE NOIRE CHEZ LES BRASSICACEES
[72] RAYMOND, ROBERTSON GEOFFREY, AU
[72] ROUCH, MICHAEL GRAY, AU
[71] BAYER CROPS SCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-01-18
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[30] EP (15177588.9) 2015-07-20

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[25] EN
[54] DRY POWDER INHALER
[54] INHALATEUR A POUDRE SECHE
[72] MELINIOTIS, ANDREAS, GB
[72] MCGUINNESS, LIAM, GB
[71] VECTURA DELIVERY DEVICES LIMITED, GB
[85] 2018-01-18
[86] 2016-07-19 (PCT/EP2016/067208)
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[30] EP (15177556.6) 2015-07-20

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[51] Int.Cl. B29C 69/02 (2006.01) B29C 43/24 (2006.01) B29C 47/02 (2006.01)
[25] EN
[54] METHOD AND DEVICE FOR JET-PACKING MOULDING POLYMER PIPELINE
[54] PROCEDE ET DISPOSITIF DE MOULAGE DE TUYAU EN POLYMER PAR REMPLISSAGE/EJECTION DE MATIERE
[72] QU, JINPING, CN
[71] SOUTH CHINA UNIVERSITY OF TECHNOLOGY, CN
[71] GUANGZHOU HUAXINKE INTELLIGENT MANUFACTURING TECHNOLOGY CO., LTD., CN
[85] 2018-01-18
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[51] Int.Cl. H03H 21/00 (2006.01)
[25] EN
[54] PARTITIONED BLOCK FREQUENCY DOMAIN ADAPTIVE FILTER DEVICE COMPRISING ADAPTATION MODULES AND CORRECTION MODULES
[54] DISPOSITIF A FILTRE ADAPTATIF A DOMAINE FREQUENTIEL A BLOCS CLOISSONNES COMPRENANT DES MODULES D'ADAPTATION ET DES MODULES DE CORRECTION
[72] VALERO, MARIA LUIS, DE
[72] HABETS, EMANUEL, DE
[72] MABANDE, EDWIN, DE
[72] LOMBARD, ANTHONY, DE
[72] MAHNE, DIRK, DE
[72] BIRZER, BERNHARD, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-01-18
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[51] Int.Cl. F28G 1/08 (2006.01) B08B 9/043 (2006.01) F28D 7/10 (2006.01) F28F 1/40 (2006.01) F28G 1/14 (2006.01)
[25] EN
[54] HEAT EXCHANGER
[54] ECHANGEUR DE CHALEUR
[72] ADLER, ROBERT, AT
[72] KLEIN, EKKEHARDT, AT
[72] NAGL, CHRISTOPH, AT
[72] POLLAK, ANDREAS, AT
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2018-01-18
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[87] (WO2017/025173)
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[25] EN
[54] FUSED IMIDAZOLES AS MIDHI INHIBITORS
[54] IMIDAZOLES FUSIONNES UTILISES EN TANT QU'INHIBITEURS DE MIDHI
[72] PANKNIN, OLAF, DE
[72] HARTUNG, INGO, DE
[72] REHWINKEL, HARTMUT, DE
[72] NGUYEN, DUY, DE
[72] ZORN, LUDWIG, DE
[72] HELFRICH, PETRA, DE
[72] ZIMMERMANN, KATJA, DE
[72] NEUHAUS, ROLAND, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING ICP**
[54] **SYSTEME ET PROCEDE DE MESURE D'ICP**
[72] WEINBERG, GUY, US
[72] PAPPAN, SURIK, IL
[72] LEVINSKY, ALEXANDRA, IL
[71] HEADSENSE MEDICAL LTD., US
[85] 2018-01-18
[86] 2016-07-21 (PCT/IL2016/050794)
[87] (WO2017/013655)
[30] US (62/195,370) 2015-07-22

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[25] EN
[54] **ELECTRICAL ASSEMBLY**
[54] **EQUIPEMENT ELECTRIQUE**
[72] WHITEHOUSE, ROBERT STEPHEN, GB
[72] BARKER, CARL DAVID, GB
[72] ADAMCZYK, ANDRZEJ, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-01-18
[86] 2016-07-28 (PCT/EP2016/068111)
[87] (WO2017/017240)
[30] GB (1513402.6) 2015-07-30

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[25] EN
[54] **ELEVATOR CAR WITH LADDER REMOVABLE FROM THE INTERIOR**
[54] **CABINE D'ASCENSEUR MUNIE D'UNE ECHELLE POUVANT ETRE EXTRAITE DE L'INTERIEUR**
[72] STEINER, ADRIAN, CH
[72] D'APICE, ALESSANDRO, CH
[72] NICOLE, MARCEL, CH
[71] INVENTIO AG, CH
[85] 2018-01-18
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[51] **Int.Cl. A61L 27/00 (2006.01) A61L 29/00 (2006.01) A61L 31/00 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING MEDICAL DEVICE AND MEDICAL DEVICE**
[54] **PROCEDE DE PRODUCTION DE DISPOSITIF MEDICAL, ET DISPOSITIF MEDICAL**
[72] HYUUGAJI, SATOSHI, JP
[72] ISO, KAZUHIRO, JP
[71] JSR CORPORATION, JP
[71] JSR LIFE SCIENCES CORPORATION, JP
[85] 2018-01-18
[86] 2016-07-26 (PCT/JP2016/071908)
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[30] JP (2015-147643) 2015-07-27

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[25] EN
[54] **SMALL CELL APPLICATION PLATFORM**
[54] **PLATE-FORME D'APPLICATION DE PETITE CELLULE**
[72] PARK, EDWIN CHONGWOO, US
[72] DAS, SOUMYA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-01-17
[86] 2016-06-29 (PCT/US2016/039983)
[87] (WO2017/039812)
[30] US (14/839,700) 2015-08-28

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[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) B21B 1/22 (2006.01) B21B 3/02 (2006.01) C21D 8/12 (2006.01) C22C 38/06 (2006.01) C23C 10/08 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **HIGH SILICON STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER A HAUTE TENEUR EN SILICIUM ET SON PROCEDE DE FABRICATION**
[72] OKUBO, TOMOYUKI, JP
[72] HIRATANI, TATSUHIKO, JP
[72] ODA, YOSHIHIKO, JP
[72] NAKAJIMA, HIROAKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-01-18
[86] 2016-09-08 (PCT/JP2016/004091)
[87] (WO2017/047049)
[30] JP (2015-183502) 2015-09-17

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[13] A1

[51] **Int.Cl. G08G 1/00 (2006.01)**
[25] EN
[54] **SCENE DETERMINATION DEVICE, TRAVEL ASSISTANCE APPARATUS, AND SCENE DETERMINATION METHOD**
[54] **DISPOSITIF D'EVALUATION DE SCENES, DISPOSITIF D'AIDE A LA CIRCULATION ET PROCEDE D'EVALUATION DE SCENES**
[72] FUJITA, SUSUMU, JP
[71] NISSAN MOTOR CO., LTD., JP
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[86] 2015-07-21 (PCT/JP2015/070746)
[87] (WO2017/013748)

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[25] EN
[54] SECONDARY BATTERY MOUNTED CHIP MANUFACTURING METHOD
[54] PROCEDE DE FABRICATION DE PUCES DOTEES DE BATTERIES RECHARGEABLES
[72] TSUNOKUNI, KAZUYUKI, JP
[72] INOUE, TATSUO, JP
[72] SAITOH, TOMOKAZU, JP
[72] OGASAWARA, JURI, JP
[72] TONOKAWA, TAKASHI, JP
[72] KUDOH, TAKUO, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[85] 2018-01-18
[86] 2016-06-20 (PCT/JP2016/068219)
[87] (WO2017/022347)
[30] JP (2015-152490) 2015-07-31

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[51] Int.Cl. G02B 6/44 (2006.01)
[25] EN
[54] OPTICAL CABLE
[54] CABLE OPTIQUE
[72] WUENSCH, GUENTER, DE
[71] CCS TECHNOLOGY, INC., US
[85] 2017-01-24
[86] 2015-07-21 (PCT/US2015/041239)
[87] (WO2016/014459)
[30] EP (14178597.2) 2014-07-25

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[51] Int.Cl. A61B 8/08 (2006.01) A61M 25/01 (2006.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01)
[25] EN
[54] ULTRASONIC CATHETER ASSEMBLY
[54] ENSEMBLE CATHETER A ULTRASONS
[72] COKER, JUSTIN JEFFREY, US
[72] HSU, KENNETH C., US
[72] JUN, PAUL, US
[72] KHALAJ, STEVE, US
[71] AVENT, INC., US
[85] 2018-01-18
[86] 2015-07-21 (PCT/US2015/041242)
[87] (WO2017/014749)

[21] 2,992,975
[13] A1
[51] Int.Cl. A61F 5/44 (2006.01) A61M 39/14 (2006.01)
[25] EN
[54] SPRING-LOADED BAG CONNECTOR
[54] RACCORD DE POCHE A RESSORT
[72] TSAI, MINGLIANG LAWRENCE, US
[72] DEMARY, TINH NGUYEN, US
[71] CONVATEC TECHNOLOGIES INC., US
[85] 2018-01-18
[86] 2016-05-18 (PCT/US2016/033147)
[87] (WO2016/187350)
[30] US (62/163,240) 2015-05-18

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[13] A1
[51] Int.Cl. G21C 15/18 (2006.01)
[25] EN
[54] PASSIVE SAFETY SYSTEM FOR REMOVING DECAY HEAT AND METHOD OF PASSIVELY INCREASING A COOLANT FLOW USING THE SAME
[54] SYSTEME DE SECURITE PASSIVE PERMETTANT D'ELIMINER LA CHALEUR DE DESINTEGRATION ET PROCEDE D'AUGMENTATION PASSIVE D'UN DEBIT DE FLUIDE FRIGORIGENE L'UTILISANT
[72] LOEWEN, ERIC PAUL, US
[72] STREGE, SETH RYAN PAUL, US
[72] O'NEILL, NICHOLAS FRANCIS, US
[72] KEUSSEYAN, LEVON PIERRE, US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
[85] 2018-01-18
[86] 2016-06-20 (PCT/US2016/038318)
[87] (WO2017/014882)
[30] US (14/804,488) 2015-07-21

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[51] Int.Cl. A61M 5/152 (2006.01) A61M 5/142 (2006.01)
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[54] SHAPED ELASTOMERIC INFUSION PUMP
[54] POMPE A PERFUSION ELASTOMERE PROFILEE
[72] ROTELLA, JOHN ANTHONY, US
[72] MONTIJO, ANGELA CHRISTINE, US
[72] ROWE, COURTNEY, US
[72] KENOWSKI, MICHAEL A., US
[71] AVENT, INC., US
[85] 2018-01-18
[86] 2015-07-21 (PCT/US2015/041247)
[87] (WO2017/014750)

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[13] A1
[51] Int.Cl. G01N 21/954 (2006.01)
[25] EN
[54] CONTROL OF NON-DESTRUCTIVE TESTING DEVICES
[54] COMMANDE DE DISPOSITIFS DE TESTS NON DESTRUCTIFS
[72] COOMBS, KEVIN ANDREW, US
[72] WARD, THOMAS C., US
[72] STANCATO, MELISSA ROSE, US
[72] STANCATO, NICHOLAS ANTHONY, US
[72] WACLAWSKI, JOSEPH JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-01-18
[86] 2016-06-22 (PCT/US2016/038638)
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[30] US (14/811,642) 2015-07-28

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[13] A1

[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/166 (2006.01) A61K 31/167 (2006.01)**

[25] EN

[54] **AMINONAPHTHOQUINONE COMPOUNDS AND PHARMACEUTICAL COMPOSITION FOR BLOCKING UBIQUITINATION-PROTEASOME SYSTEM IN DISEASES**

[54] **COMPOSE AMINO-NAPHTHOQUINONE ET COMPOSITION PHARMACEUTIQUE BLOQUANT LE SYSTEME UBIQUITINE-PROTEASOME DANS DES MALADIES**

[72] YEN, YUN, US

[72] LIOU, JING-PING, TW

[72] PAN, SHIOW-LIN, TW

[71] TAIPEI MEDICAL UNIVERSITY, TW

[71] YEN, YUN, US

[85] 2018-01-18

[86] 2015-07-23 (PCT/US2015/041767)

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[21] **2,992,984**
[13] A1

[51] **Int.Cl. B63B 21/00 (2006.01) B63B 21/50 (2006.01)**

[25] EN

[54] **MONITORING SYSTEM AND METHOD FOR VESSEL MOORING**

[54] **SYSTEME ET PROCEDE DE SURVEILLANCE POUR AMARRAGE DE NAVIRE**

[72] O'SULLIVAN, JAMES FRANCIS, JR., FR

[72] TCHERNIGUIN, NICOLAS, FR

[71] TECHINIP FRANCE, FR

[85] 2018-01-18

[86] 2016-07-14 (PCT/US2016/042214)

[87] (WO2017/015041)

[30] US (14/803,785) 2015-07-20

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[13] A1

[51] **Int.Cl. G06F 7/04 (2006.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**

[25] EN

[54] **SYSTEM FOR AUTOMATIC SIGNATURE FOR RECEIPT VERIFICATION**

[54] **SYSTEME DE SIGNATURE AUTOMATIQUE POUR LA VERIFICATION DE RECEPTION**

[72] WILKINSON, BRUCE WALTER, US

[71] WAL-MART STORES, INC., US

[85] 2018-01-18

[86] 2016-07-07 (PCT/US2016/041247)

[87] (WO2017/030670)

[30] US (62/206,398) 2015-08-18

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[25] EN

[54] **USING METHANE REJECTION TO PROCESS A NATURAL GAS STREAM**

[54] **UTILISATION DE REJET DE METHANE POUR TRAITER UN FLUX DE GAZ NATUREL**

[72] YOUNT, CHRISTOPHER SCOTT, US

[72] ZIGTEMA, JOHN RAYMOND, US

[71] GE OIL & GAS, INC., US

[85] 2018-01-18

[86] 2016-07-16 (PCT/US2016/042684)

[87] (WO2017/019344)

[30] US (14/809,997) 2015-07-27

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[25] EN

[54] **GENETIC MARKERS ASSOCIATED WITH RESPONSE TO CRTH2 RECEPTOR ANTAGONISTS**

[54] **MARQUEURS GENETIQUES ASSOCIES A LA REPONSE AUX ANTAGONISTES DU RECEPTEUR CRTH2**

[72] OPITECK, GREGORY J., US

[72] WONG, PEGGY H., US

[72] MCELWEE, JOSHUA, US

[72] MEHROTRA, DEVAN V., US

[72] GREENBERG, STEVEN, US

[72] GUO, ZIFANG, US

[71] MERCK SHARP & DOHME CORP., US

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[86] 2016-07-21 (PCT/US2016/043234)

[87] (WO2017/015418)

[30] US (62/196,128) 2015-07-23

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[25] EN

[54] **SYSTEMS AND METHODS FOR PHOTOTHERAPY CONTROL**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE MAITRISER UNE LUMINOETHERAPIE**

[72] GAMELIN, ANDRE S., US

[72] GROSS, MARTYN C., US

[71] CLARIFY MEDICAL, INC., US

[85] 2018-01-18

[86] 2016-07-21 (PCT/US2016/043378)

[87] (WO2017/019455)

[30] US (62/196,824) 2015-07-24

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[13] A1
[51] Int.Cl. A61K 35/17 (2015.01)
[25] EN
[54] T CELLS FOR EXPRESSION OF CHIMERIC ANTIGEN RECEPTORS AND OTHER RECEPTORS
[54] LYMPHOCYTES T POUR L'EXPRESSION DE RECEPTEURS D'ANTIGENES CHIMERES
[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[71] CITY OF HOPE, US
[85] 2018-01-18
[86] 2016-07-21 (PCT/US2016/043392)
[87] (WO2017/015490)
[30] US (62/195,254) 2015-07-21

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[51] Int.Cl. G01F 15/04 (2006.01) G01F 1/50 (2006.01) G01F 1/74 (2006.01) G01F 1/88 (2006.01)
[25] EN
[54] CORRECTION OF NATURAL GAS FLOW CALCULATIONS FOR THE EFFECTS OF WATER VAPOR
[54] CORRECTION DE CALCULS DE DEBIT DE GAZ NATUREL PRENANT EN COMPTE LES EFFETS DE LA VAPEUR D'EAU
[72] WIKLUND, DAVID EUGENE, US
[72] DAVIS, DALE SCOTT, US
[71] ROSEMOUNT INC., US
[85] 2018-01-18
[86] 2016-07-22 (PCT/US2016/043584)
[87] (WO2017/015570)
[30] US (62/195,621) 2015-07-22

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[51] Int.Cl. A61K 35/17 (2015.01) G01N 33/50 (2006.01)
[25] EN
[54] METHODS AND MATERIALS FOR PRODUCING T CELLS
[54] PROCEDES ET MATIERES POUR PRODUIRE DES LYMPHOCYTES T
[72] SHRIKANT, PROTUL, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-01-18
[86] 2016-07-13 (PCT/US2016/042077)
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[30] US (62/194,722) 2015-07-20

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[51] Int.Cl. G01T 1/185 (2006.01) G01T 1/29 (2006.01)
[25] EN
[54] ION CHAMBER FOR RADIATION MEASUREMENT
[54] CHAMBRE D'IONISATION POUR MESURE DE RAYONNEMENT
[72] KAWRYKOW, IWAN, US
[72] KISHAWI, EYAD, US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2018-01-18
[86] 2016-07-22 (PCT/US2016/043740)
[87] (WO2017/015629)
[30] US (62/195,743) 2015-07-22

[21] 2,992,993
[13] A1
[51] Int.Cl. B29C 65/20 (2006.01) B29C 65/00 (2006.01) B29C 65/30 (2006.01) B29C 65/78 (2006.01)
[25] EN
[54] BELT SPLICER
[54] DISPOSITIF DE RACCORDEMENT DE BANDES
[72] GUTTENBERG, ROBERT G., US
[72] NAZAR, GABRIEL, US
[71] LAITRAM, L.L.C., US
[85] 2018-01-18
[86] 2016-07-13 (PCT/US2016/042119)
[87] (WO2017/027160)
[30] US (14/825,868) 2015-08-13

[21] 2,992,997
[13] A1
[51] Int.Cl. G06F 17/30 (2006.01) G06Q 10/02 (2012.01) G06Q 30/06 (2012.01) G06Q 50/14 (2012.01)
[25] EN
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[72] CHAN, KA MING, US
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[72] LINGAMNENI, ANANTHI, US
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[72] HUCKNALL, ANGUS, US
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[72] CHAMBERS, JAMES W., US
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[72] RING, LEV, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[71] SHELL SHOCK TECHNOLOGIES LLC, US
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[54] **TECHNIQUES DE MANIPULATION D'ETAT D'OSCILLATEUR POUR TRAITEMENT D'INFORMATIONS QUANTIQUES ET SYSTEMES ET PROCEDES ASSOCIES**

[72] HEERES, REINIER, US
[72] REINHOLD, PHILIP, US
[72] ALBERT, VICTOR V., US
[72] JIANG, LIANG, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPF, ROBERT J., III, US
[71] YALE UNIVERSITY, US
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[54] **PROCEDES DE DESSALEMENT OSMOTIQUE ET SYSTEMES ASSOCIES**

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[72] GOVINDAN, PRAKASH NARAYAN, US
[72] ST. JOHN, MAXIMUS G., US
[72] LAM, STEVEN, US
[72] ANDREWS, JOHN-ROSS, US
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[72] GOODMAN, STEVEN D., US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
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[72] WILKINSON, BRUCE WALTER, US
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[54] **PROCEDES ET COMPOSITIONS POUR LA TRANSPLANTATION DE CELLULES SOUCHES**

[72] FINNEGAN, PAUL WILLIAM, US
[72] DAVIS, CLAUDE GEOFFREY, US
[72] GINSBERG, MICHAEL DANIEL, US
[72] NOLAN, DANIEL JOSEPH, US
[71] ANGIOCRINE BIOSCIENCE, INC., US
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[72] MOSIER, PATRICK E., US
[71] THE LUBRIZOL CORPORATION, US
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[54] **SYSTEME ET PROCEDE DE DETECTION POUR MESURER UN PARAMETRE D'AU MOINS UNE SUBSTANCE DIELECTRIQUE DANS UNE EPAISSEUR DE COUCHE DE RESERVOIR ET MESURES DE PROPRIETE DIELECTRIQUE DANS DES SYSTEMES MULTICOUCHES**
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[71] GUARDANT HEALTH, INC., US
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[72] BAKEMA, PETER, US
[72] KLINE, BRET, US
[72] STEPHEN, GARY, CA
[72] LANGSTON, ALAN, US
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[54] **PROCEDES ET SYSTEME DE DETERMINATION DE COORDONNEES TEMPORELLES D'IMPULSIONS CHEVAUCHANT DES IMPULSIONS DANS UN SIGNAL RADAR REFLECHI**
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[72] FARD, MOHAMMAD REZA GHAFOURI, CA
[72] MOUSAVI, PEDRAM, CA
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[72] LIOU, JING-PING, TW
[72] CHEN, CHUN-HAN, TW
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[71] 10353744 CANADA LTD., CA
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[54] **PROCEDE DE REGLAGE DE CERTIFICAT ELECTRONIQUE, ET PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'INTERACTION DE DONNEES**
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[54] **PROCEDE D'ETABLISSEMENT DE CERTIFICAT ELECTRONIQUE ET PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'INTERACTION DE DONNEES**
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[54] **ONLINE FUNDS MANAGEMENT METHOD, AND DATA INTERACTION PROCESSING METHOD AND DEVICE**
[54] **PROCEDE DE GESTION DE FONDS EN LIGNE, ET PROCEDE ET DISPOSITIF DE TRAITEMENT D'INTERACTION DE DONNEES**
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[72] GLYNN, ANGELA, US
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[71] MUELLER INTERNATIONAL, LLC, US
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[54] **PROCEDE, SYSTEME ET DISPOSITIF DE PAIEMENT DE CERTIFICAT ELECTRONIQUE**
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[71] SHENZHEN CIPAY NETWORK
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CN
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DEVICE AND SYSTEM
[54] PROCEDE, DISPOSITIF ET
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[54] MACHINE DE CHARGEMENT ET
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[71] TRINITYRAIL MAINTENANCE
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[21] 2,990,093
[13] A1
[51] **Int.Cl. F25D 13/04 (2006.01) F25D 13/02 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **A LOCKER SYSTEM**
[54] **SYSTEME DE CASIERS**
[72] IMAM, NASHIM, GB
[72] DADE, NIGEL, GB
[72] HUNT, GARETH, GB
[72] CHUNG, HOI KAN, GB
[71] ILLINOIS TOOL WORKS INC., US
[22] 2015-01-28
[41] 2015-08-06
[62] 2,936,964
[30] GB (1401539.0) 2014-01-29
[30] GB (1401910.3) 2014-02-04
[30] GB (1405566.9) 2014-03-27
[30] GB (1411043.1) 2014-06-18
[30] GB (1416641.7) 2014-09-19
[30] GB (1416742.3) 2014-09-22
[30] GB (1423158.3) 2014-12-23

[21] 2,990,104
[13] A1
[51] **Int.Cl. F25D 13/04 (2006.01) F25D 13/02 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **A LOCKER SYSTEM**
[54] **SYSTEME DE CASIERS**
[72] IMAM, NASHIM, GB
[72] DADE, NIGEL, GB
[72] HUNT, GARETH, GB
[72] CHUNG, HOI KAN, GB
[71] ILLINOIS TOOL WORKS INC., US
[22] 2015-01-28
[41] 2015-08-06
[62] 2,936,964
[30] GB (1401539.0) 2014-01-29
[30] GB (1401910.3) 2014-02-04
[30] GB (1405566.9) 2014-03-27
[30] GB (1411043.1) 2014-06-18
[30] GB (1416641.7) 2014-09-19
[30] GB (1416742.3) 2014-09-22
[30] GB (1423158.3) 2014-09-23

[21] 2,990,112
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **PREDICTIVE MODELING**
[54] **SYSTEME DE MODELISATION PREDICTIVE**
[72] MISRA, VISHWAS, IN
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2009-11-03
[41] 2010-05-05
[62] 2,684,304
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[21] 2,990,130
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM-WIDE QUERY OPTIMIZATION**
[54] **OPTIMISATION DES REQUETES A L'ECHELLE D'UN SYSTEME**
[72] YU, LIANG GANG, US
[72] SMILEY, JOHN ROBERT, US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2013-11-27
[41] 2014-06-05
[62] 2,892,599
[30] US (13/691,213) 2012-11-30

[21] 2,990,271
[13] A1
[51] **Int.Cl. B66B 9/04 (2006.01) B66B 5/00 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **UNDER CAR POWER UNIT**
[54] **BLOC D'ALIMENTATION SOUS CABINE D'ASCENSEUR**
[72] HAMLETT, ANTHONY FRANK, US
[72] BAILEY, AARON, US
[72] JACKSON, CHRIS B., US
[72] CHOI, SANG, US
[71] THYSENKRUPP ELEVATOR CORPORATION, US
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[41] 2015-12-30
[62] 2,894,360
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[21] **2,990,358**
[13] A1

[51] **Int.Cl. C08J 9/35 (2006.01) C08K 7/22 (2006.01) C08L 23/28 (2006.01) C08L 29/10 (2006.01) H01B 3/30 (2006.01)**

[25] EN

[54] **COMPOSITIONS, ADDITIVES, AND COMPOUNDS FOR MELT PROCESSABLE, FOAMABLE, AND CELLULAR FLUOROPOLYMERS**

[54] **COMPOSITIONS, ADDITIFS ET COMPOSES POUR FLUOROPOLYMERES ALVEOLAIRES, POUVANT ETRE MIS SOUS FORME DE MOUSSE ET APTES A LA FUSION**

[72] GLEW, CHARLES A., US

[71] GLEW, CHARLES A., US

[22] 2010-01-29

[41] 2011-05-09

[62] 2,704,902

[30] US (12/590,471) 2009-11-09

[21] **2,990,628**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/00 (2012.01)**

[25] EN

[54] **BUSINESS SOFTWARE APPLICATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'APPLICATION D'UN LOGICIEL COMMERCIAL**

[72] HSU, YUN-PING, US

[72] ITANI, MAJED, US

[72] GUPTA, AJAY, US

[72] SMITH, ROGER, US

[72] AAGAARD, ROB, US

[72] WU, ANDREW, US

[72] LEE, COLLIN, US

[72] TRETIKOV, LILA, US

[71] SUGARCRM INC., US

[22] 2009-12-11

[41] 2010-06-17

[62] 2,780,646

[30] US (61/121,825) 2008-12-11

[21] **2,990,642**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **TRUNCATED LEAFLET FOR PROSTHETIC HEART VALVES**

[54] **VALVE TRONQUEE DE PROTHESES DE VALVULE CARDIAQUE**

[72] BRUCHMAN, WILLIAM C., US

[72] HARTMAN, CODY L., US

[71] W. L. GORE & ASSOCIATES, INC., US

[22] 2013-12-16

[41] 2014-06-26

[62] 2,893,098

[30] US (61/739,721) 2012-12-19

[30] US (13/843,196) 2013-03-15

[21] **2,990,794**
[13] A1

[51] **Int.Cl. G06F 9/44 (2018.01)**

[25] EN

[54] **APPLICATION ACTIVATION FRAMEWORK**

[54] **CADRE D'ACTIVATION D'APPLICATION**

[72] OLIVER, DANIEL J., US

[72] BETZ, BENJAMIN A., US

[72] GUZAK, CHRISTOPHER J., US

[72] IVANOVIC, RELJA, US

[72] KRISHNAN-CHITTUR, RAMASWAMY, US

[72] PADDOCK, BRANIXON H., US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[22] 2011-10-09

[41] 2012-12-06

[62] 2,836,235

[30] US (13/118,016) 2011-05-27

[21] **2,990,803**
[13] A1

[51] **Int.Cl. G06F 21/36 (2013.01) G06F 3/0488 (2013.01)**

[25] EN

[54] **PICTURE GESTURE AUTHENTICATION**

[54] **AUTHENTIFICATION DE GESTE D'IMAGE**

[72] JOHNSON, JEFF, US

[72] SEIXEIRO, STEVE, US

[72] PACE, ZACHARY, US

[72] VAN DER BOGERT, GILES, US

[72] GILMOUR, SEAN, US

[72] SIEBENS, LEVI, US

[72] TUBBS, KEN, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[22] 2011-10-09

[41] 2012-11-29

[62] 2,836,052

[30] AU (2011202415) 2011-10-09

[30] US (13/163,201) 2011-06-17

[21] **2,990,923**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G06F 21/82 (2013.01)**

[25] EN

[54] **ISOLATED MULTI-NETWORK COMPUTER SYSTEM AND APPARATUS**

[54] **SYSTEME ET APPAREIL INFORMATIQUES MULTIRESEAUX ISOLEES**

[72] SOFFER, AVIV, IL

[72] VAISBAND, OLEG, IL

[71] HIGH SEC LABS, IL

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[41] 2010-02-25

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[25] EN
[54] PRODUCT MANAGEMENT DISPLAY SYSTEM
[54] SYSTEME D'AFFICHAGE DE GESTION DE PRODUIT
[72] HARDY, STEPHEN N., US
[71] RTC INDUSTRIES, INC., US
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[41] 2013-03-07
[62] 2,930,201
[30] US (61/530736) 2011-09-02
[30] US (61/542473) 2011-10-03
[30] US (61/553545) 2011-10-31
[30] US (13/542419) 2012-07-05

[21] 2,991,233
[13] A1
[51] Int.Cl. A47J 31/00 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01)
[25] EN
[54] CAPSULE BASED SYSTEM FOR PREPARING AND DISPENSING A BEVERAGE
[54] SYSTEME A BASE DE CAPSULE POUR PREPARER ET DISTRIBUER UNE BOISSON
[72] LO FARO, GIAN MATTEO, US
[72] LAVERACK, JOHN R., US
[72] WESEMAN, KURT R., US
[72] SHENTU, YUANLI, US
[72] RICHIM, GEORGE E., US
[72] WEAVER, GREG G., US
[71] LA VIT TECHNOLOGY LLC, US
[22] 2011-11-09
[41] 2012-05-18
[62] 2,816,226
[30] US (61/411,786) 2010-11-09

[21] 2,991,389
[13] A1
[51] Int.Cl. H01L 43/02 (2006.01) H01L 21/8246 (2006.01)
[25] EN
[54] METHOD OF FORMING A MAGNETIC TUNNEL JUNCTION STRUCTURE
[54] PROCEDE DE FORMATION D'UNE STRUCTURE A JONCTION A EFFET TUNNEL MAGNETIQUE
[72] LI, XIA, US
[71] QUALCOMM INCORPORATED, US
[22] 2009-02-23
[41] 2009-09-11
[62] 2,716,630
[30] US (12/041,957) 2008-03-04

[21] 2,991,517
[13] A1
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[25] EN
[54] READY TO ASSEMBLE SOFA AND METHOD FOR PACKAGING SAME
[54] CANAPE PRET-A-MONTER ET PROCEDE D'EMBALLAGE DE CELUI-CI
[72] GRIGGS, BILLY JOE, JR., US
[71] GRIGGS, BILLY JOE, JR., US
[22] 2012-03-20
[41] 2013-09-26
[62] 2,867,940
[30] US (13/423,701) 2012-03-19

[21] 2,991,617
[13] A1
[51] Int.Cl. C25D 5/20 (2006.01) C25D 5/50 (2006.01) C25D 9/00 (2006.01) C25D 15/00 (2006.01)
[25] EN
[54] FUNCTIONALLY GRADED COATINGS AND CLADDINGS FOR CORROSION AND HIGH TEMPERATURE PROTECTION
[54] REVETEMENTS ET GAINES A GRADIENT DE FONCTIONNALITE PERMETTANT DE PROTEGER CONTRE LA CORROSION ET LES FORTES TEMPERATURES
[72] LOMASNEY, CHRISTINA, US
[72] WHITAKER, JOHN D., US
[72] FLINN, BRIAN, US
[72] BORDIA, RAJENDRA KUMAR, US
[72] UNGER, JESSE A., US
[71] MODUMETAL LLC, US
[22] 2010-06-11
[41] 2010-12-16
[62] 2,764,968
[30] US (61/186,057) 2009-06-11

[21] 2,991,641
[13] A1
[51] Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)
[25] EN
[54] AUTOMATIC SUTURING APPARATUS AND METHODS OF USE
[54] APPAREIL DE SUTURE AUTOMATIQUE ET SES PROCEDES D'UTILISATION
[72] BADHIWAR, VINAY, US
[71] BADHIWAR, VINAY, US
[22] 2011-04-28
[41] 2011-11-03
[62] 2,792,926
[30] US (61/329,340) 2010-04-29

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[21] 2,991,828
[13] A1

[51] **Int.Cl. F04B 53/02 (2006.01) F04B 53/14 (2006.01) F04B 53/16 (2006.01)**

[25] EN

[54] **RECIPROCATING PUMP ASSEMBLY**

[54] **ENSEMBLE DE POMPE A MOUVEMENT ALTERNATIF**

[72] DILLE, MARK C., US

[72] ARNOLDY, DAVID, US

[72] FREED, WESLEY D., US

[71] S.P.M. FLOW CONTROL, INC., US

[22] 2013-05-08

[41] 2014-09-18

[62] 2,905,809

[30] US (13/843525) 2013-03-15

[21] 2,991,830
[13] A1

[51] **Int.Cl. B23B 47/34 (2006.01) B23Q 11/10 (2006.01)**

[25] EN

[54] **FLUID-FED VACUUM CUTTERS**

[54] **ORGANES DE HACHAGE A VIDE A ALIMENTATION PAR FLUIDE**

[72] KESTERSON, MATTHEW GREGORY, US

[72] DELAND, JAMES ALBERT, US

[71] THE BOEING COMPANY, US

[22] 2014-07-10

[41] 2015-02-19

[62] 2,856,425

[30] US (13/970305) 2013-08-19

[21] 2,991,834
[13] A1

[51] **Int.Cl. D06N 3/04 (2006.01) C09D 7/65 (2018.01) B60R 21/235 (2006.01) C09D 5/00 (2006.01) C09D 175/04 (2006.01) C10M 107/38 (2006.01)**

[25] EN

[54] **COATED FABRIC PRODUCTS**

[54] **PRODUITS EN TISSU REVETU**

[72] BARTI, MARITA, DE

[72] BLACKWOOD, WILLIAM, US

[72] CLERICI, VITTORIO, DE

[72] MOUNTNEY, ANDREW WILLIAM, GB

[71] DOW CORNING CORPORATION, US

[22] 2010-11-12

[41] 2011-05-19

[62] 2,915,366

[30] US (61/260,526) 2009-11-12

[21] 2,991,855
[13] A1

[51] **Int.Cl. F04B 47/02 (2006.01) E21B 43/12 (2006.01) F04B 47/12 (2006.01) F04B 53/02 (2006.01)**

[25] EN

[54] **PLUNGER FOR DOWNHOLE PUMPS**

[54] **PLONGEUR POUR POMPES DE FOND DE TROU**

[72] GABRIEL, RON, US

[71] LUBRI-PUMP, INC., US

[22] 2011-03-08

[41] 2012-04-19

[62] 2,814,665

[30] US (61/455,215) 2010-10-15

[21] 2,991,860
[13] A1

[51] **Int.Cl. A61M 16/20 (2006.01) A61M 16/10 (2006.01)**

[25] EN

[54] **GAS DELIVERY DEVICE AND SYSTEM**

[54] **SYSTEME ET DISPOSITIF D'ALIMENTATION EN GAZ**

[72] BATHIE, DUNCAN P., US

[72] KLAUS, JOHN, US

[72] CHRISTENSEN, DAVID, US

[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, US

[22] 2011-01-06

[41] 2012-07-06

[62] 2,779,766

[21] 2,991,983
[13] A1

[51] **Int.Cl. C08L 23/04 (2006.01)**

[25] EN

[54] **ETHYLENE-BASED POLYMER COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED FROM THE SAME**

[54] **COMPOSITIONS DE POLYMERES A BASE D'ETHYLENE, LEURS PROCEDES DE FABRICATION, ET ARTICLES PREPARES A PARTIR DE CELLES-CI**

[72] KAPUR, MRIDULA, US

[72] JORGENSEN, ROBERT JAMES, US

[72] WAGNER, BURKHARD, US

[72] MICHIE, WILLIAM J., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[22] 2008-12-18

[41] 2009-07-09

[62] 2,711,048

[30] US (61/017,947) 2007-12-31

[21] 2,992,047
[13] A1

[51] **Int.Cl. B42F 21/06 (2006.01) B42F 7/00 (2006.01)**

[25] EN

[54] **TWO-POSITION TAB**

[54] **LANGUETTE A DEUX POSITIONS**

[72] GOODFELLOW, ANDREW, US

[72] JONES, BRADEN, US

[72] CAUSSE, BRIAN, US

[71] ESSELTE CORPORATION, US

[22] 2011-01-20

[41] 2011-07-28

[62] 2,787,267

[30] US (61/296,648) 2010-01-20

[21] 2,992,125
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01) H04S 5/00 (2006.01)**

[25] EN

[54] **MULTICHANNEL AUDIO CODING**

[54] **CODAGE AUDIO MULTICANAUX**

[72] DAVIS, MARK FRANKLIN, US

[71] DOLBY LABORATORIES LICENSING CORPORATION, US

[22] 2005-02-28

[41] 2005-09-15

[62] 2,917,518

[30] US (60/549368) 2004-03-01

[30] US (60/579974) 2004-06-14

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Index of Canadian Patents Issued

February 13, 2018

Index des brevets canadiens délivrés

13 février 2018

3M INNOVATIVE PROPERTIES COMPANY	2,770,281	ALEKSEYEV-POPOV, ANDREW VADIMOVICH	2,904,605	ASWATH, RAVIKUMAR VIEMAGAL	2,855,484
3M INNOVATIVE PROPERTIES COMPANY	2,803,950	ALEXANDER, SCOTT F.	2,816,192	ATAR, OSAMA	2,877,602
3M INNOVATIVE PROPERTIES COMPANY	2,828,693	ALFASIGMA S.P.A.	2,732,071	ATC TECHNOLOGIES, LLC	2,515,209
A BRASSARD, LOTHAR	2,879,354	ALLAM, RODNEY J.	2,737,742	ATLAS COPCO ROCK DRILLS AB	2,723,066
A.R.C. TECHNOLOGIES CORPORATION	2,834,700	ALLAN, KEVIN	2,869,100	ATLAS ELEKTRONIK GMBH	2,923,220
AAC TRADE LTD.	2,885,341	ALLEGIANCE CORPORATION	2,784,043	ATRION MEDICAL PRODUCTS, INC.	2,851,769
AB INITIO TECHNOLOGY LLC	2,786,445	ALLEN, CHARLES ROBERT	2,937,442	ATTWELL, MARK	2,768,275
ABAD, ANDRE R.	2,749,298	ALLEN, WILLIAM G.	2,770,281	AUDENAERT, FRANS A.	2,828,693
ABAD, JUAN CARLOS	2,815,405	ALPER, HAL	2,766,124	AUDONNET, JEAN-CHRISTOPHE	2,741,333
ABBOTT, DANIEL J.	2,781,111	ALWARD, HENRY ALLAN	2,909,691	AURA, ANNA-MARJA	2,815,780
ABBVIE INC.	2,781,891	AMAZON TECHNOLOGIES, INC.	2,839,150	AURIAC, VINCENT	2,918,970
ABDELRAHIM, KHALID	2,744,478	AMAZON TECHNOLOGIES, INC.	2,951,970	AXESS DIRECT, INC.	2,871,941
ABE, TOSHIO	2,907,845	AMERICAN STERILIZER COMPANY	2,901,297	AYAMBEM, AMBA	2,773,889
ABERG, STURE	2,761,021	AMSTIBOVITSKY, LEONID	2,802,001	AYOTTE, MAXIME	2,958,960
ABERNATHY, STEPHANIE BOSSE	2,768,154	AMYRIS, INC.	2,757,000	AZER, ANWAR A.	2,594,343
ABRAHAM, SANTOSH PAUL	2,846,239	ANDERSON, GRETCHEN	2,775,812	BAASE, GARY THOMAS, II	2,707,206
ACCELERON PHARMA INC.	2,729,098	ANDERSON, WAYBOURN J., JR.	2,940,759	BACINO, JOHN E.	2,850,504
ACCENTURE GLOBAL SERVICES LIMITED	2,710,405	ANDRIES, KOENRAAD JOZEF		BADESHA, SANTOKH	2,888,888
ACCENTURE GLOBAL SERVICES LIMITED	2,739,101	LODEWIJK MARCEL	2,579,971	BAECKER, IWER	2,790,610
ACCENTURE GLOBAL SERVICES LIMITED	2,797,933	ANTAL, BRIAN D.	2,897,170	BAERTSCHI, ARMIN	2,871,788
ACHERMANN, MATTHIAS	2,908,166	ANTELMAN, PERRY	2,806,198	BAILEY, NICHOLAS RAYMOND	2,766,719
ADAMIAN, YURI		APPLIED MEDICAL TECHNOLOGY, INC.	2,928,740	BAILEY, THOMAS F.	2,940,759
EDUARDOVICH	2,794,385	AQUIMO, LLC	2,869,785	BAIN, KENNETH REES	2,804,402
ADAMS, JARED J.	2,898,340	ARAB, SARA	2,722,485	BAKER HUGHES INCORPORATED	2,861,119
ADAMS, MICHAEL DAVID	2,879,821	ARABI, PEIMAN	2,979,100	BAKER HUGHES INCORPORATED	2,877,676
ADEYINKA, OLUSOLA B.	2,942,998	ARAKI, YASUSHI	2,888,506	BAKER HUGHES INCORPORATED	2,888,487
ADVANCED FIRST AID RESEARCH PTE. LTD.	2,890,168	ARC PHARMACEUTICALS, INC.	2,623,471	BAKER HUGHES INCORPORATED	2,916,351
AGENCE SPATIALE EUROPEENNE	2,777,929	ARCELORMITTAL INVESTIGACION Y DESARROLLO SL	2,895,944	BAKKE, WILLIAM	2,720,678
AICURIS GMBH & CO. KG	2,840,513	ARCONIC INC.	2,934,548	BALCELLS, JOAQUIM	2,710,651
AIDANCE SKINCARE AND TOPICAL SOLUTIONS LLC	2,806,198	ARCULUS-MEANWELL, CLIVE ARTHUR	2,778,880	BALDINI, AUGUSTUS	2,733,087
AIRBUS OPERATIONS (S.A.S.)	2,918,970	AREVALO RODRIGUEZ, ELENA	2,726,575	BALL, STEPHEN LESLIE	2,805,701
AIRBUS OPERATIONS GMBH	2,786,159	ARGIRIADI, MARIA A.	2,781,891	BARATTO, FRANCESCO	2,800,285
AIRBUS OPERATIONS S.A.S.	2,789,867	ARGON MEDICAL DEVICES, INC.	2,734,482	BARSI, BARRY B.	2,768,369
AIRBUS OPERATIONS S.L.	2,726,575	ARKALUMEN INC.	2,799,658	BARTLE, LAURA M.	2,663,209
AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,734,450	ARLT, WOLFGANG	2,721,732	BARVE, PRASHANT PURUSHOTTAM	2,773,301
AL-HADDAD, KAMAL	2,743,085	ASCENDANCE BIOTECHNOLOGY, INC.	2,825,274	BASF PLANT SCIENCE GMBH	2,729,496
ALBERS, THOMAS	2,774,267	ASHRAF, MUHAMMAD	2,780,428	BASF PLANT SCIENCE GMBH	2,870,809
ALBERT EINSTEIN COLLEGE OF MEDICINE, INC.	2,867,832	ASHWORTH, DEBORAH	2,760,609	BASF SE	2,782,433
ALBERTA INNOVATES	2,649,697	ASRAF, NASHEEMAN	2,772,654	BASU, SWARAJ	2,772,654
ALCID, MARIAN	2,837,201	ASTELY, DAVID	2,786,810	BATMAZ, EDIZ	2,744,478
		ASTI, ANTONIO	2,740,397	BAUER HOCKEY LTD.	2,718,456
				BAUER, HEINZ	2,899,971
				BAUER, JOERG	2,729,496
				BAXTER, CHESTER O., III	2,781,111
				BAYER INNOVATION GMBH	2,790,610

Index des brevets canadiens délivrés 13 février 2018

BAZYDOLA, SARAH	2,900,209	BOLD, RANDAL PARKER	2,726,156	BYRON, KATHRYN	2,942,998
BEARDSLEY, JOHN W.	2,904,949	BOLDT, ALLEN NORMAN	2,847,596	BYSICK, SCOTT E.	2,748,184
BECK, DANIEL J.	2,796,648	BOMBARDIER		CABRERA PUIG, INGRID	2,880,404
BECTON, DICKINSON AND COMPANY	2,885,830	TRANSPORTATION		CACCIA, MARIA GIOVANNA	2,732,071
BEDARD, LOUIS	2,750,763	GMBI	2,775,957	CADY, ERIC	2,907,318
BEDFORD INDUSTRIES, INC.	2,882,162	BONTU, CHANDRA	2,842,154	CAE INC.	2,958,960
BEDLOE INDUSTRIES LLC	2,785,741	BORATE, HANUMANT		CAL, ZHIJUN	2,842,154
BEDNARZ, RYSZARD	2,780,312	BAPURAO	2,728,949	CALADRIUS BIOSCIENCES, INC.	2,901,105
BEGIN, JASON	2,746,780	BORER, VICTOR J.	2,770,281	CALDERA, CLAUDIA	2,739,101
BEHM, ALEX	2,912,038	BORGSTEIN, NIELS	2,729,098	CALDERWOOD, DAVID J.	2,781,891
BEIJING INTELLIX TECHNOLOGY COMPANY LIMITED	2,866,613	BORRAN, JABER MOHAMMAD	2,869,311	CALHOUN, MATTHEW	2,928,740
BENIKIS, LINDA	2,869,100	BOSTON SCIENTIFIC SCIMED, INC.	2,750,763	CAMPBELL SOUP COMPANY	2,744,478
BELL GEOSPACE INC.	2,882,128	BOUILLON, ERIC	2,745,506	CAMPBELL, CAREY V.	2,850,504
BELLOWS, DAVID E.	2,928,403	BOURGEOIS, JEAN- RAYMOND	2,926,904	CAMPBELL, MARK E.	2,717,437
BELLUSSI, GIUSEPPE	2,726,904	BOUTT, ELIZABETH	2,693,654	CANON KABUSHIKI KAISHA	2,671,325
BELOV, ANDREY ALEKSANDROVICH	2,794,385	BOYLE, JOHN M.	2,871,405	CAO, BANGJI	2,822,238
BEL YAKOV, SERGEI	2,757,744	BOYSEN, RYAN B.	2,757,919	CAO, XIAXIN	2,954,136
BEL YAKOV, SERGEI	2,757,745	BRACCO DIAGNOSTICS INC.	2,724,645	CAPUTO, THOMAS A.	2,746,780
BENDER, CHRISTOPHER LYLE	2,811,659	BRACHMAN, DAVID	2,835,065	CARATI, ANGELA	2,726,904
BENET, RAMON E.	2,594,343	BRADICA, GINO	2,557,386	CARDIOINSIGHT TECHNOLOGIES, INC.	2,851,800
BERLANGA ACOSTA, JORGE AMADOR	2,880,404	BRAHM, LUTZ	2,782,433	CARDLYTICS, INC.	2,741,437
BERNARD, CORINNE	2,729,869	BRAHMASANDRA, SUNDARESH N.	2,693,654	CAREFUSION 303, INC.	2,763,607
BERRY, PHILIP	2,741,170	BRANAGAN, DANIEL JAMES	2,735,450	CARGOTEC RESEARCH & DEVELOPMENT	2,963,007
BERTHESEN, LARS HOFFMANN	2,707,206	BRASIER, DANIEL	2,773,187	IRELAND LIMITED	2,903,673
BERTRAND, JEAN-BAPTISTE	2,729,869	BRETT, SAMUEL NORBERT	2,405,680	CARLETON, KURT	
BESPOKE BIOSCIENCE, LLC	2,774,375	BRETTBACH, CAROLINE	2,774,144	CARLISLE FLUID TECHNOLOGIES INC.	2,871,427
BETTS, JAMES	2,911,804	BRENNE, LARS	2,720,678	CARLSON, ALFRED	2,825,753
BEYNON, MARGARET ANN	2,766,719	BRESSLER, JAMES E.	2,734,482	CARLSSON, OLA	2,803,458
BGP INC., CHINA NATIONAL PETROLEUM CORPORATION	2,912,626	BREWSTER, JAMES	2,882,128	CARMIGNANI, PAUL G.	2,871,405
BHADKARIA, SAURABH	2,797,933	BRICE, FRANK WILLIAM, JR.	2,800,633	CARPENTER, SCOTT E.	2,900,572
BHANDARI, KRISHNA HARI	2,777,629	BRIDGES, JOHN R.	2,825,753	CARROLL, STEPHEN J.	2,890,168
BHANDARAJ, RAJ MOHAN	2,712,158	BRIDSON, ROGER FARNWORTH	2,806,338	CARROLL, VICKY DIANE	2,843,161
BHETWAL, LALITA	2,851,800	BRIGGS, GERALD EDWARD	2,799,658	CARSON, GARY A.	2,705,535
BIERLMAIER, STEPHEN	2,742,790	BRITAIN, CHARLOTTE	2,786,877	CARTER, LINDSAY L.	2,734,482
BIFFLE, CLIFFORD L.	2,859,397	BROOKS, TIMOTHY W.	2,734,423	CASADEVALL, ARTURO	2,867,832
BIN, XU	2,649,697	BROWN, DAVID ALEXANDER	2,405,680	CASALE SA	2,785,775
BIRCH, CLIFFORD	2,746,780	BROWN, GERALD ORONDE	2,737,120	CASALE SA	2,800,285
BISHOP, RYAN	2,746,780	BROWN, JAMES M.	2,823,716	CASHMAN, JOHANNE	2,623,471
BJOERNI, OSMO	2,785,234	BROWN, MICHAEL KENNETH	2,811,659	CASSTEVENS, NEIL L.	2,746,780
BJORGE, TOR	2,720,678	BROWN, MICHAEL STEPHEN	2,811,659	CAVAYE, ROBERT	2,775,812
BLACKBERRY LIMITED	2,811,659	BROWN, PAUL CHRISTOPHER	2,746,780	CAVAZZA, CLAUDIO	2,732,071
BLACKBERRY LIMITED	2,842,154	BRUNER, ERWIN	2,723,533	CAWIEZEL, KAY ELAINE	2,861,119
BLACKBERRY LIMITED	2,843,020	BRZEK, BRIAN GENE	2,732,899	CEDARS-SINAI MEDICAL CENTER	2,817,847
BLANC, VERONIQUE	2,663,209	BUCARO, JOSEPH A.	2,772,019	CELLEME, RAYMOND E.	2,970,773
BLANKENSHIP, YUFEI WU	2,842,154	BUCHER HYDRAULICS SPA	2,963,007	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA	2,880,404
BLANKESTIJN, JAN-IVO	2,765,816	BUCK, HARVEY	2,900,572	CEPHALON, INC.	2,742,790
BLOCK, DIRK	2,722,485	BUCKMAN LABORATORIES INTERNATIONAL, INC.	2,877,095	CHAKRABORTY, NIRANJAN	2,772,654
BLUMER, NICOLE	2,881,536	BUIDI, TIMOTHY RICHIEY	2,789,382	CHAKRABORTY, SUBHIRA	2,772,654
BODOARDO, SILVIA	2,778,127	BUDDA, ELIYAHU	2,901,143	CHAN, CESAR	2,836,274
BOEHM, MICHAEL J.	2,769,327	BUDDA, ELIYAHU	2,901,470	CHAN, KATRINA	2,768,307
BOEKEMA, BOUKE	2,790,610	BUECHLER, SCOTT R.	2,871,741	CHANDAVARKAR, MOHAN ANAND	2,728,949
BOHTE, ANNE	2,809,286	BURCHARDT, EGBERT	2,933,396	CHANDRA, DINESH	2,747,403
BOIX JAEN, JOSE	2,803,997	BURNS, MARVIN D.	2,871,427	CHATEIGNER, SERGE	2,745,506
BOIX MAQUINARIA SPAIN, S.L.U.	2,803,997	BURNS, RODNEY M.	2,732,974	CHATELOIS, BRUNO	2,715,271
		BURZIGOTTI, PAOLO	2,777,929	CHAUHAN, PAWAN KUMAR	2,905,970
		BUTRUILLE, MARYMAR GONCALVES	2,726,556	CHEN, CHING-YEH	2,896,637
		BYRNE, NORMAN R.	2,707,386		

Index of Canadian Patents Issued February 13, 2018

CHEN, LIHENG	2,649,697	CORNING OPTICAL		DEL MAR SERRA, MARIA	2,710,651
CHEN, SEONG FONG	2,784,043	COMMUNICATIONS LLC	2,732,974	DEL TURCO, PAOLO	2,740,397
CHEN, YI-CHING	2,906,045	CORNING OPTICAL		DELPASSAND, EBRAHIM S.	2,843,313
CHEN, YING	2,869,311	COMMUNICATIONS LLC	2,796,221	DELUCA, JAMES JOSEPH	2,782,962
CHEN, YUNG-FA	2,816,559	COUNCIL OF SCIENTIFIC &		DEMEO, JOSEPH	2,556,516
CHENCINER, JOHN M.	2,889,809	INDUSTRIAL RESEARCH	2,728,949	DENOMME, BRIAN	2,806,208
CHEON, MIN-SU	2,889,737	COUNCIL OF SCIENTIFIC &		DENTON, ROBERT D.	2,899,686
CHERIAN, GEORGE	2,846,239	INDUSTRIAL RESEARCH	2,773,301	DENTON, RYAN	2,781,295
CHIESI FARMACEUTICI S.P.A.	2,778,880	COURVOISIER, LAURENT	2,742,790	DENTSPLY INTERNATIONAL	
CHILDS, MONTGOMERY W.	2,758,501	COVIDIEN LP	2,816,192	INC.	2,806,839
CHIN, ELBERT	2,901,542	COVIDIEN LP	2,904,949	DENTSPLY INTERNATIONAL	
CHINA INTERNATIONAL		COX, IAN	2,768,275	INC.	2,882,857
MARINE CONTAINERS		COX, STUART	2,741,170	DENTSPLY INTERNATIONAL	
(GROUP) LTD.	2,886,025	CRADDOCK, DAVID	2,800,631	INC.	2,896,344
CHINA NATIONAL		CRADDOCK, DAVID	2,800,633	DEPUY SYNTHES PRODUCTS,	
PETROLEUM		CRAMER, LUIZ GUSTAVO	2,743,856	INC.	2,775,733
CORPORATION	2,912,626	CRAYOLA LLC	2,854,775	DERLER, RAY ALAN	2,847,596
CHING, ADA S.	2,726,556	CREE, INC.	2,810,888	DESANTIS, BROOKE ERIN	2,726,381
CHOI, ALAN	2,912,038	CREGGER, TRICIA A.	2,901,297	DESMEULES, ALAIN	2,726,381
CHOI, BYOUNG-JU	2,802,415	CREPET, GILLES	2,826,357	DEURENBERG, PETER	
CHRONISTER, BEN	2,806,839	CRESPO, FRANCISCO JAVIER	2,710,651	HUBERTUS FRANCISCUS	2,765,816
CHUNG, DENNIS B.	2,801,604	CROOKS, TAB HUNTER	2,835,918	DEVAUL, RICHARD WAYNE	2,859,397
CIMC CONTAINERS HOLDING		CROWN EQUIPMENT		DHANARAJ, CHRISTINA R.	2,772,638
COMPANY LTD.	2,886,025	CORPORATION	2,845,776	DHANUKA, SULABH K.	2,764,450
CIRPUS, PETRA	2,870,809	CRS HOLDINGS, INC.	2,885,933	DI LUPO, FRANCESCA	2,778,127
CIZERON, JOEL M.	2,837,201	CRUZ DOMINIGUEZ,		DI PAOLA, FRANCO	2,715,271
CLACK, DERICK	2,927,141	FRANCISCO JOSE	2,726,575	DIEHL, DIRK	2,925,385
CLAYPOOL, JAMES	2,917,043	CUEVA, JOHN FERNANDO	2,904,605	DING, MING	2,954,136
CLEDLIGHT		CULLY, EDWARD H.	2,850,504	DISCH, SASCHA	2,908,550
SEMICONDUCTOR		CULVER, DUNCAN	2,842,630	DISCH, SASCHA	2,908,847
LIGHTING CO., LTD.	2,809,709	CUREVAC AG	2,801,218	DISKO, MARK M.	2,823,716
CLOUDERA, INC.	2,912,038	DADACHOVA, EKATERINA	2,867,832	DOLBY INTERNATIONAL AB	2,911,746
CLUETT, TIMOTHY D.	2,746,780	DANCO, INC.	2,845,819	DOLBY LABORATORIES	
COCKETT, ALASDAIR	2,768,275	DANFOSS LOW POWER		LICENSING	
COE, JONATHAN A.	2,816,192	DRIVES, A DIVISION OF		CORPORATION	2,891,054
COFFEY, MATTHEW C.	2,678,721	DANFOSS DRIVES A/S	2,707,206	DOLBY, JEFFREY SCOTT	2,934,548
COFREN S.R.L.	2,720,362	DANHOF, IVAN E.	2,774,375	DOMETIC CORPORATION	2,948,559
COGLITORE, GIOVANNI	2,904,619	DANIEL MEASUREMENT AND		DOMINIQUE, ROMYR	2,929,785
COHEN, ELI	2,885,341	CONTROL, INC.	2,937,442	DOMOCOSK, BELA	2,930,969
COIL, JEFFREY	2,576,535	DANISCO US INC.	2,704,311	DONALDSON COMPANY, INC.	2,777,529
COLE, STEVEN R.	2,927,341	DARR, MATTHEW RAIN	2,792,021	DOS SANTOS, JOSE	2,779,344
COLGATE-PALMOLIVE		DAS-NANDY, ARIMA	2,793,880	DOSCHAK, MICHAEL R.	2,777,629
COMPANY	2,871,788	DATTA, ASIS	2,772,654	DOSSEL, LUKAS FRIEDRICH	2,907,995
COLLINS, MARK	2,809,541	DAUCHEZ, MANUEL	2,840,719	DOUGLAS, GRAHAM	2,775,812
COMMEUREUC, AURELIEN		DAUGHERTY, JONATHAN	2,760,609	DOWE, ANDREAS	2,793,403
GEORGES JEAN	2,800,099	DAVY, JASON A.	2,658,478	DOWE, ANDREAS	2,793,564
COMPTON, TED	2,838,735	DE JONGE, MARC RENE	2,579,971	DOWER, WILLIAM V.	2,770,281
COMSTOCK, LORRAINE	2,775,812	DE SOCCIO, VITTORIO	2,720,362	DOYLE, LAWRENCE POWELL	2,746,780
CONBRACO INDUSTRIES,		DEANE, PETER	2,811,180	DREAMWELL, LTD.	2,737,749
INC.	2,970,773	DEBENEDICTIS, FRANCES	2,877,676	DRESCHER, MARTIN	2,721,732
CONNORS, PAT	2,786,877	DEBURGER, WILLIAM	2,758,501	DRILLET, PASCAL	2,895,944
CONSEJO SUPERIOR DE		DECAVALCANTE, MICHAEL		DSM IP ASSETS B.V.	2,556,516
INVESTIGACIONES		L.	2,882,857	DSM IP ASSETS B.V.	2,557,386
CIENTIFICAS	2,880,404	DECKERT, JUTTA	2,663,209	DUAN, HONGCHANG	2,862,144
CONSOLE, FLAVIO	2,739,101	DECKMAN, HARRY W.	2,764,450	DUBOST, JEROME	2,789,867
COOLMANS, HUIB	2,765,816	DEDIEU, STEPHANE	2,840,719	DUNCAN, JEFFREY B.	2,850,504
COOK, CHARLES J.	2,942,998	DEEP IMAGING		DUNLOP, COLIN	2,848,745
COOPER TECHNOLOGIES		TECHNOLOGIES, INC.	2,873,858	DUNN, DOUGLAS S.	2,803,950
COMPANY	2,792,021	DEFONZO, STEPHAN A.	2,734,482	DUNN, WILLIAM R.	2,705,814
COOPER, EDWARD L.	2,910,998	DEFRANKS, MICHAEL S.	2,737,749	DURREN, BRYAN	2,759,209
COPIN, PATRICK	2,813,151	DEKA PRODUCTS LIMITED		DUVAL, SEBASTIEN A.	2,834,572
CORN PRODUCTS		PARTNERSHIP	2,779,296	DUVALL, BRIDGET	2,757,744
DEVELOPMENT, INC.	2,700,103	DEKEUSTER, MICHAEL T.	2,866,659	DUVALL, BRIDGET	2,757,745
		DEL FABRO, GIORGIO	2,740,208	DWS SRL	2,919,550

Index des brevets canadiens délivrés 13 février 2018

DYER, CHRISTOPHER K.	2,842,630	F. HOFFMANN-LA ROCHE AG	2,900,572	FRAUNHOFER-	
E. I. DU PONT DE NEMOURS		F. HOFFMANN-LA ROCHE AG	2,901,542	GESELLSCHAFT ZUR	
AND COMPANY	2,726,556	F. HOFFMANN-LA ROCHE AG	2,929,785	FORDERUNG DER	
E. I. DU PONT DE NEMOURS		FAABORG, ALEXANDER	2,936,090	ANGEWANDTEN	
AND COMPANY	2,737,120	FABRYKOWSKI, GRZEGORZ	2,796,221	FORSCHUNG E.V.	2,908,847
EATON, STUART JOHN	2,919,118	FACEBOOK, INC.	2,904,619	FREDERE, ROBERT C.	2,786,877
EBERLING-FUX, NICOLAS	2,745,506	FACET TECHNOLOGIES, LLC	2,793,226	FREELAND, RILEY S.	2,732,974
EDELMANN, EVA	2,779,543	FAMUR INSTITUTE SP. Z.O.O.	2,780,312	FREER, CARL J.	2,890,168
EDER, KLAUS	2,774,424	FAMUR SPOLKA AKCYJNA	2,780,312	FREITAG, DETLEF	2,721,732
EDWARDS, LOUISE G.	2,756,568	FAN, GUANGMING	2,954,136	FREY, DOUG	2,865,780
EDWARDS, ROSS	2,784,663	FARRELL, MARK	2,800,631	FRIEDERICH, SONJA MARIA	2,840,513
EFFRAT, JONATHAN J.	2,772,638	FAVE, FRANCIS L.	2,845,819	FRIEDLI, PAUL	2,823,109
EGERDAHL, BJORN-ANDRE	2,720,678	FDC LIMITED	2,728,949	FRIEDMAN, MICHAEL	2,781,891
ELBERBAUM, DAVID	2,919,861	FEHER, MIKLOS	2,756,568	FRITZ-JUNG, CATHRYN	2,759,209
ELBEX VIDEO LTD.	2,919,861	FELICIANO, RAFAEL	2,854,775	FROHN, ANDREAS	2,786,159
ELECTRONICS AND		FELIX, LARRY G.	2,887,334	FUCHS, GUILLAUME	2,908,550
TELECOMMUNICATIONS		FENG, PAUL C. C.	2,780,448	FUCHS, GUILLAUME	2,908,847
RESEARCH INSTITUTE	2,892,103	FENG, XIAOBING	2,927,372	FUEL TECH, INC.	2,871,405
ELECTRONICS AND		FERRARIS, DANA	2,757,744	FUGIKAWA, LESLIE M.	2,786,038
TELECOMMUNICATIONS		FERRARIS, DANA	2,757,745	FULLER, JODY	2,781,295
RESEARCH INSTITUTE	2,892,107	FERRER, JICKY	2,745,373	GABRIEL, JAN	2,765,483
ELECTRONICS AND		FERRER, MARLA	2,745,373	GAGLIARDI, GIOVANNI	2,739,101
TELECOMMUNICATIONS		FERRETTI, JOHN T.	2,773,889	GALASSO, D. ANTHONY	2,835,918
RESEARCH INSTITUTE	2,892,171	FERT-BOBER, JUSTYNA P.	2,817,847	GAMAGE, CHAMINDA	
ELLMEN, JUHA	2,784,819	FIAMENGO, BRYAN A.	2,781,891	PRIYAPUSHPA	2,768,154
ELSHARQAWY, MOSTAFA	2,848,412	FIELD, RAYMOND SCOTT	2,742,790	GAMBOGI, ROBERT J.	2,747,403
EMILI, ANDREW	2,722,485	FILIPPI, ERMANNO	2,800,285	GAMBRO LUNDIA AB	2,803,458
ENDRESS+HAUSER FLOWTEC		FILIPPOV, ANDREY V.	2,732,974	GAMMON, SCOTT	2,843,020
AG	2,908,166	FINE, DAVID H.	2,781,295	GAMORAS, JOEL	2,837,201
ENI S.P.A.	2,726,904	FINK, RASMUS	2,707,206	GANS, ADAM	2,718,456
ENVONT LLC	2,782,962	FISHER, ROBERT E.	2,818,333	GAO, XIONGHOU	2,862,144
EPSTEIN, MICHAEL L.	2,842,630	FITTS, TODD M.	2,782,962	GARN, HILGER	2,881,536
ERICKSON, JUSTIN	2,912,038	FLEMING, STEPHEN BRUCE	2,840,513	GARNAAT, CARL W.	2,780,448
ERICSSON, ANNA M.	2,781,891	FLETCHNER, JESSICA	2,728,927	GAS TECHNOLOGY	
ESHGHI, MEL	2,801,664	FLOHR, ANDREAS	2,847,278	INSTITUTE	2,887,334
ESTELL, DAVID A.	2,704,311	FLOQUET, NICOLAS	2,840,719	GASPERI, AARON MICHAEL	2,865,780
ETHICON ENDO-SURGERY,		FLOWERVE MANAGEMENT		GASPERSON, BETHANIE	
INC.	2,781,111	COMPANY	2,774,267	LYNN	2,841,266
ETHICON ENDO-SURGERY,		FMC CORPORATION	2,911,804	GAUDAN, STEPHANIE	2,712,172
INC.	2,783,159	FMC KONGSBERG SUBSEA		GAWSKI, VICTOR	2,908,925
ETHICON ENDO-SURGERY,		AS	2,794,385	GELBACH, JANET L.	2,724,645
INC.	2,786,038	FMC TECHNOLOGIES, INC.	2,879,286	GEMMELL, RENIA	2,815,780
ETXE-TAR, S.A.	2,839,497	FOLEY, PATRICK E.	2,746,780	GENAW, WILLIAM JAMES	2,707,206
EVONIK DEGUSSA GMBH	2,793,403	FONSECA, AGUSTIN E.	2,780,448	GENERAL ELECTRIC	
EVONIK DEGUSSA GMBH	2,793,564	FONTAINE, AARON M.	2,724,645	COMPANY	2,704,719
EVONIK ROHM GMBH	2,907,995	FONTANA, DANIELA	2,778,127	GENERAL ELECTRIC	
EWHA UNIVERSITY-		FONTANA, EDDY	2,786,877	COMPANY	2,732,899
INDUSTRY		FORD, COLIN	2,869,017	GENERAL ELECTRIC	
COLLABORATION		FORREST, BRYAN T.	2,756,568	COMPANY	2,804,402
FOUNDATION	2,802,415	FOSTER-MILLER, INC.	2,890,581	GENERAL ELECTRIC	
EXMORE BENELUX BVBA	2,961,234	FOURNIER, FRANCOIS	2,712,172	COMPANY	2,856,490
EXQUIM S.A.	2,710,651	FOWLER, TRACY A.	2,899,686	GENERAL ELECTRIC	
EXXONMOBIL UPSTREAM		FOX, MARK A.	2,746,780	COMPANY	2,919,118
RESEARCH COMPANY	2,764,450	FRANCISKOVICH, PHILLIP P.	2,901,297	GENERAL ELECTRIC	
EXXONMOBIL UPSTREAM		FRANER, PAUL T.	2,781,111	TECHNOLOGY GMBH	2,804,244
RESEARCH COMPANY	2,823,716	FRANK, KRISTINE E.	2,781,891	GENERAL ELECTRIC	
EXXONMOBIL UPSTREAM		FRAUNHOFER-		TECHNOLOGY GMBH	2,826,357
RESEARCH COMPANY	2,871,741	GESELLSCHAFT ZUR		GENEURO SA	2,729,869
EXXONMOBIL UPSTREAM		FORDERUNG DER		GENO LLC	2,781,295
RESEARCH COMPANY	2,899,686	ANGEWANDTEN		GENOECEA BIOSCIENCES, INC.	2,728,927
EXXONMOBIL UPSTREAM		FORSCHUNG E.V.	2,908,550	GENTEX CORPORATION	2,904,605
RESEARCH COMPANY	2,942,998			GEORGE, BRIAN P.	2,851,800
F. HOFFMANN-LA ROCHE AG	2,693,443			GEORGE, DAWN M.	2,781,891
F. HOFFMANN-LA ROCHE AG	2,784,007			GEORGI, KRISTI JANE	2,746,780

Index of Canadian Patents Issued February 13, 2018

GEORGIA-PACIFIC FRANCE	2,746,108	GRIMBERGEN, JOSEPH MARIA	2,745,726	HELFRICH, EVERT ALLE	2,748,419
GERBALDI, CLAUDIO	2,778,127	GRIMES, SCOTT	2,741,437	HELLER, BERNADETTE	2,920,081
GEREN, WILLIAM P.	2,792,673	GROTE INDUSTRIES, INC.	2,734,423	HENSCHKE, JULIAN P.	2,816,559
GEWEHR, MARKUS	2,782,433	GRUSZECKI, GARY	2,705,535	HEO, YOUNG HYOUNG	2,842,154
GHASEMZADEH, ALI	2,809,286	GS YUASA INTERNATIONAL LTD.	2,785,382	HEPBILDKLER, STEFAN	2,693,443
GHETLER, MARINA DINA SONNINO	2,897,649	GTLPETROL LLC	2,737,742	HERAKLES	2,745,506
GHIU, CAMIL-DANIEL	2,900,209	GU, HAIFENG	2,954,136	HEREDIA, FERNANDO	2,710,651
GHOSH, KRISHNENDU	2,780,428	GUCHEREAU, HUNTER TERRANCE	2,910,218	HEREDIA, OSCAR	2,780,448
GIBSON, GLENN R.	2,815,780	GUERRIERI, STEFANO	2,963,007	HERRE, JURGEN	2,908,550
GIERAHN, TODD	2,728,927	GUIA, SUPRATIK	2,786,144	HERRE, JURGEN	2,908,847
GINES, ALBERTO	2,777,929	GUILLIEN, WAYNE S.	2,810,888	HERRINGTON, RONALD M.	2,737,749
GITNES, SETH	2,917,696	GUO, HONGXING	2,896,123	HERZ, UDO	2,881,536
GITR, INC.	2,693,677	GUPTA, D.V.	2,861,119	HESS, GEORG	2,722,485
GLADNEY, RICHARD F.	2,737,749	SATYANARAYANA	2,773,301	HEWITT, CARL	2,905,987
GLADWIN, ROBERT JOHN	2,782,433	GUSTAFSSON, LEIF	2,761,021	HEWITT, CARL	2,906,038
GLENDENING, BETH	2,800,633	GUTHRIE, ALAN JOHN	2,741,333	HEWITT, CARL	2,906,045
GLOWE CONSULTING SERVICES INC.	2,460,650	GUY, MASON HARVEY	2,919,118	HEXCEL COMPOSITES, LTD.	2,798,826
GLOWE, RONALD WILLIAM	2,460,650	GWIAZDZINSKI, PAWEŁ	2,780,312	HICKEY, MARK	2,873,858
GODFREY, JAMES F.	2,890,581	HAGIWARA, TSUNEO	2,919,550	HIDEM, STEPHEN E.	2,724,645
GOEDKEN, ERIC R.	2,781,891	HALLIBURTON ENERGY SERVICES, INC.	2,908,925	HIEMER, ANDREAS	2,805,940
GOEHLMANN, HINRICH WILHELM HELMUT	2,579,971	HALLIBURTON ENERGY SERVICES, INC.	2,910,218	HIEMER, ANDREAS	2,805,970
GOERING, RAINER	2,793,403	HALLIBURTON ENERGY SERVICES, INC.	2,924,555	HIERNAUX, STEPHANE	2,758,830
GOERING, RAINER	2,793,564	HALTIWANGER, R. CURTIS	2,742,790	HIGHLAND INDUSTRIES, INC.	2,771,998
GOLABEK, MATEUSZ	2,780,312	HAMANG, KAI	2,786,877	HIRANO, TOMOYUKI	2,787,096
GOLMAKHIER, VIKTOR S.	2,663,209	HAMILTON, GREGORY	2,757,744	HIRATA, TAKUYA	2,928,613
GONSIOR, LUKASZ	2,780,312	HAMILTON, GREGORY	2,757,745	HOEFF, BENOIT	2,746,108
GOOD, MARK S.	2,871,048	HAMMARWALL, DAVID	2,786,810	HOGAN, BRADLY SHAWN	2,910,218
GOODE, CHRISTOPHER W.	2,845,776	HANDLE, BERNHARD	2,923,382	HOHLBEIN, DOUGLAS J.	2,871,788
GOOGLE INC.	2,772,638	HANDYLAB, INC.	2,693,654	HOHMANN, RONALD P., JR.	2,852,328
GOOGLE INC.	2,936,090	HANES, JUSTIN	2,663,003	HOHMANN, RONALD P., JR.	2,855,463
GOOLCHARRAN, CHIMANLALL	2,780,428	HANLEY, KEVIN FRANCIS	2,789,382	HOHMANN, RONALD P., JR.	2,865,857
GORAL, DAVID J.	2,932,534	HANSON, ROBERT	2,839,150	HOHMANN, RONALD P., JR.	2,867,003
GORANSON, DAG	2,795,738	HANSSON, OTHAR	2,772,638	HOJO, ELJI	2,785,382
GORANSON, ORJAN	2,795,738	HARBIN ENGINEERING UNIVERSITY	2,954,136	HOKAZONO, KIYOSHI	2,897,705
GORDON, JEFFREY J.	2,768,369	HARDING, GLENN D.	2,750,763	HOLLEY, JOHN MURDICK, JR.	2,875,973
GORDON, LARRY M.	2,658,478	HARIMA, JUN	2,676,757	HOLM, MARTIN SKOV	2,707,206
GOVINDAN, PRAKASH	2,848,412	HARROON, ZISHAN	2,806,208	HOLMES, SCOTT T.	2,771,998
GRAHAM PACKAGING COMPANY, L.P.	2,748,184	HARRIS, NEIL GEOFFREY	2,919,118	HOLOGIC INC.	2,736,592
GRAHAM, ANDREW EVAN	2,845,776	HARRISON, ROBERT	2,900,209	HOMMES, RONALDUS W. J.	2,704,311
GRAMLICH, DON	2,734,423	HARSH, PHILIP	2,817,309	HONDA MOTOR CO., LTD.	2,801,604
GRAMOLINI, ANTHONY	2,722,485	HARTMANN, ANDRE	2,920,081	HONDA MOTOR CO., LTD.	2,923,468
GRANDE, KNUD VEBJORN	2,705,823	HARUYAMA, HIROSHI	2,785,382	HONEYWELL INTERNATIONAL INC.	2,855,484
GRANGER, JANET	2,768,275	HARVEY, OLIVER	2,745,726	HONEYWELL INTERNATIONAL, INC.	2,712,158
GRANT, ANN	2,885,341	HASHINO, RYO	2,676,757	HORN, GUENTHER	2,801,960
GRANT, KEVIN L.	2,779,296	HASHMI, ADAM	2,775,733	HORTON, JERRY WAYNE	2,781,862
GRAPHIC PACKAGING INTERNATIONAL, INC.	2,869,017	HATZILIAS, GEORGE	2,800,645	HOSHII, KIYOSHI	2,925,876
GRAPHIC PACKAGING INTERNATIONAL, INC.	2,875,973	HAWKES, PHILIP MICHAEL	2,846,239	HOSS, WERNER	2,907,995
GRAYSON, GARY D.	2,835,918	HAWTOF, DANIEL W.	2,732,974	HOUGHTON, DAVID L.	2,898,340
GREENHALGH, PAUL	2,745,726	HE, JIANXIANG	2,907,624	HSU, CHIH-WEI	2,896,637
GREGG, THOMAS	2,800,631	HE, LONGKE	2,931,885	HU, YANG	2,786,810
GREGG, THOMAS	2,800,633	HEARD, DAVID N.	2,816,192	HUANG, JINTAI	2,780,448
GREGOIRE, LUC-ANDRE	2,743,085	HEARN, PATRICK E.	2,556,516	HUANG, YU-WEN	2,896,637
GREINER, DAN	2,786,049	HECHT, GIL	2,891,295	HUAWEI TECHNOLOGIES CO., LTD.	2,927,372
GREINER, DAN	2,800,631	HECHT, GIL	2,891,297	HUAWEI TECHNOLOGIES CO., LTD.	2,896,123
GRIEBEL, CHRISTIAN	2,908,550	HEGDE, VINAY	2,855,484	HUAWEI TECHNOLOGIES CO., LTD.	2,912,740
GRIEBEL, CHRISTIAN	2,908,847	HEINRICH, CURTIS J.	2,882,162	HUAWEI TECHNOLOGIES CO., LTD.	2,916,030
GRIMARD, DENNIS STANLEY	2,847,596			HUAWEI TECHNOLOGIES CO., LTD.	2,931,885

Index des brevets canadiens délivrés 13 février 2018

HUBER, CHRISTOPH	2,812,077	ISCAR LTD.	2,891,295	KAPLAN, JOEL	2,760,609
HUEDIG, HENDRIK	2,722,485	ISCAR LTD.	2,891,297	KAPPUS, JOHN J.	2,816,192
HUEIL, JOSEPH C.	2,786,038	ISCAR LTD.	2,901,143	KAPSCH TRAFFICCOM AG	2,751,954
HUET, JEROME	2,789,867	ISCAR LTD.	2,901,470	KAPSCH TRAFFICCOM AG	2,785,564
HUI, ANITA	2,710,405	ISHII, HIROYUKI	2,944,988	KARABINIS, PETER D.	2,515,209
HUNT, JOHN V.	2,781,111	ITO, MASAYUKI	2,888,506	KARBOWNICZEK, JACEK	
HUNTER DOUGLAS INDUSTRIES		IVERSON, DAVID S.	2,928,926	GRZEGORZ	2,885,830
SWITZERLAND GMBH	2,746,780	JACKSIER, TRACEY	2,848,804	KARKACHE, MOHAMMED	2,744,478
HUNTER, KATHRYN M.	2,724,645	JACOBS, CHRISTOPHER A.	2,905,051	KARNS, JESSE	2,898,340
HUNTINGTON, RICHARD	2,764,450	JACOBS, MARTIN J.	2,742,790	KAROUBY, PHILIPPE	2,726,929
HUR, NAM-HO	2,892,103	JAMES, THOMAS	2,841,266	KASHYAP, AVINASH	
HUR, NAM-HO	2,892,107	JAMES, TOM R.	2,779,640	SRIKRISHNAN	2,856,490
HUR, NAM-HO	2,892,171	JANG, SEUNG YEUN	2,802,415	KASSIANOFF, EDOUARD	2,970,942
HURLEY, MICHAEL	2,817,309	JANG, YUN SEOK	2,772,690	KATTNER, JUERGEN	2,779,543
HUTCHINSON, MARTIN A.	2,828,693	JANICKE, LUTZ-RUDIGER	2,917,727	KELLEY, PAUL V.	2,748,184
HYUNDAI MOTOR COMPANY	2,802,415	JANIK, LESLIE JOSEPH	2,779,543	KELLY, REBECCA A.	2,780,448
IAQUANELLO, GAETANO	2,830,646	JANSEN, ROGER, III	2,916,796	KERR, DUANE E.	2,816,192
IBARRA GARCES, JORGE	2,839,497	JANSSEN PHARMACEUTICA N.V.	2,579,971	KERSCHBAUMER, ANDREAS	2,914,175
ICARDI, DANILLO (DECEASED)	2,796,584	JANSSEN PHARMACEUTICA NV	2,727,627	KERSTAN, DIRK	2,775,733
IDEMITSU KOSAN CO., LTD.	2,746,574	JAQUESS, PERCY	2,877,095	KESER, MERJUN	2,765,816
IZUKA, MASATO	2,755,132	JARNIKOV, DMITRI	2,824,306	KESHAVARZ-SHOKRI, ALI	2,706,920
IKEDA, KOKI	2,897,705	JEANNE, ALBIN	2,840,719	KHUNIAK, DMITRI	2,751,954
IKETANI, SATOSHI	2,919,550	JEDER GMBH	2,774,424	KHINA, ALEXANDER	2,901,143
ILITCH, CHRISTOPHER P.	2,759,209	JEFFERY, MARK	2,869,785	KHINA, ALEXANDER	2,901,470
ILLUMINA CAMBRIDGE LIMITED	2,903,095	JESWANI, ANIL	2,900,209	KHRENOV, VICTOR	2,907,995
IMPERIAL OIL RESOURCES LIMITED	2,942,998	JIL, DONG	2,862,144	KIA MOTORS CORPORATION	2,802,415
INGA, JOSE	2,904,605	JIA, PING	2,851,800	KIDD, MELISSA DRECHSEL	2,707,206
INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES	2,866,613	JIANG, SHENXUE	2,649,697	KIHUMBU, DAVID	2,848,804
INSTRUMENTATION LABORATORY COMPANY	2,594,343	JIANG, XIAO	2,879,910	KILDE, JESSE	2,945,489
INTELLIKINE LLC	2,768,307	JING, ZHENXUE	2,736,592	KILE, JEREMY	2,806,839
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,766,719	JOENSSON, LENNART	2,803,458	KIM, HEUNG-MOOK	2,892,103
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,786,049	JOHNSON, BRIAN BELLAMY	2,746,780	KIM, HEUNG-MOOK	2,892,107
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,786,144	JOHNSON, BRYAN	2,781,295	KIM, HEUNG-MOOK	2,892,171
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,800,631	JOHNSON, MICHAEL H.	2,888,487	KIM, IL-KOO	2,889,737
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,800,633	JONES, ANDREW K.	2,817,309	KIM, KI SUN	2,841,266
INVATEC TECHNOLOGY CENTER GMBH	2,695,089	JONES, CHAD H.	2,845,819	KIM, KYUSUNG	2,712,158
INVENTIO AG	2,815,405	JONES, JOHN D.	2,921,868	KIM, TAE GYU	2,850,463
INVENTIO AG	2,823,109	JONGREN, GEORGE	2,786,810	KIM, YOUNG SU	2,802,415
IPS CORPORATION	2,927,341	JOSEPH, CARROLL E.	2,897,170	KINDIG, BRADLEY	2,680,797
IRDETO B.V.	2,824,306	JOSEPHSOHN, NATHAN S.	2,781,891	KING FAHD UNIVERSITY OF PETROLEUM & MINERALS	2,848,412
IRIBARREN ARISTIZABAL, IBON	2,839,497	JOSHI, NARENDRA DIGAMBER	2,732,899	KIRK, JOHN BRYANT	2,733,087
IRWIN, JAMES P.	2,818,333	JOSHI, VINAY ANANT	2,728,949	KIRN, DAVID	2,774,144
ISCAR LTD.	2,802,001	JUNG, HAE-KYUNG	2,889,737	KIROV, VENTZISLAV H.	2,802,237
ISCAR LTD.	2,877,602	JX NIPPON MINING & METALS CORPORATION	2,840,720	KIRSCH, DAVID	2,699,141
ISCAR LTD.	2,891,292	KAI PHARMACEUTICALS, INC.	2,675,665	KISHIMOTO, KAZUAKI	2,907,845
		KAJIWARA, TAKASHI	2,888,506	KISSEI PHARMACEUTICAL CO., LTD.	2,755,132
		KALARITIS, PANOS	2,768,154	KLEIN, MATTHEW D.	2,951,970
		KALBERER, ERIC W.	2,757,919	KNUST, HENNER	2,784,007
		KALINOWSKI, CAITLIN E.	2,904,619	KO, YOUNG CHUL	2,850,463
		KALISH, ALEXANDER	2,873,858	KOBAYASHI, TAKUMA	2,965,102
		KAMIHARA, NOBUYUKI	2,907,845	KOBAYASHI, YASUSHI	2,868,962
		KAMINO, YUICHIRO	2,907,845	KOBLET, ANDREAS	2,784,007
		KANE, MATTHEW T.	2,786,877	KOGA, TAKASHI	2,790,044
		KANE, ROLAND	2,576,535	KOLSTAD, DAVID	2,803,926
		KANJEE, MANISH C.	2,843,161	KOMOROUS-KING, ROBERT S.	2,869,785
		KANNER, ROWLAND W.	2,851,769	KONE CORPORATION	2,785,234
		KAPKA-KITZMAN, DEIRDRE M.	2,749,298	KONG, NORMAN	2,929,785
		KAPLAN, ALVIN	2,760,609	KONGSBERG DEFENCE & AEROSPACE AS	2,732,476

Index of Canadian Patents Issued February 13, 2018

KONINKLIJKE PHILIPS ELECTRONICS, N.V.	2,748,419	LEARY, WILLIAM G.	2,890,581	LIU, YONG	2,756,568
KONNO, MASAKATSU	2,676,757	LECOMTE, DAVID E.	2,772,638	LO, SHUN-NAN	2,878,717
KORNACKER, MARCEL	2,912,038	LECOMTE, THIERRY	2,804,244	LOESET, GEIR AGE	2,697,282
KOSHINO, DAISUKE	2,923,468	LECUYER, DANIEL	2,715,271	LOIBNER, ANDREAS PAUL	2,779,543
KOSTRZEWSKI, STANISLAW	2,703,412	LEE, BYUNGWOO	2,704,719	LOMBARDI, KEITH M.	2,718,256
KOSTRZEWSKI, STANISLAW	2,706,943	LEE, CHRIS C.	2,836,274	LOMBARDI, JEFFREY	2,862,183
KOYMANS, LUCIEN MARIA HENRICUS	2,579,971	LEE, DAVID	2,786,877	LONG, MITCHELL	2,911,804
KRASSER, MICHAEL	2,723,066	LEE, JAE-YOUNG	2,892,103	LONG, ZHENZHONG	2,726,379
KRAWIEC, MARIUSZ	2,706,920	LEE, JAE-YOUNG	2,892,107	LONGMUIR, ALISTAIR	2,775,812
KRAY, NICHOLAS JOSEPH	2,704,719	LEE, JAE-YOUNG	2,892,171	LOPEZ-TAPIA, FRANCISCO JAVIER	2,929,785
KREBS, TRACY L.	2,806,208	LEE, JEONG GAB	2,847,674	LORENZ, SILVIO	2,933,396
KREMER, THOMAS MAC	2,865,780	LEFFERS, CURTIS	2,885,575	LOSEE, PETER ALMERN	2,856,490
KRIPP, THOMAS	2,847,278	LEGO A/S	2,779,753	LOU, YAN	2,929,785
KRIVOSHEEV, SERGEY IVANOVICH	2,794,385	LEINSING, KARL R.	2,701,453	LU, XINLIN	2,886,025
KROHNE AG	2,797,488	LELY PATENT N.V.	2,731,313	LUBY, MICHAEL G.	2,869,311
KRONENBERGER, KURT ADAM	2,910,218	LEONARDO, DANIEL	2,819,748	LUCK, STANLEY	2,726,556
KUFF, LENNI	2,912,038	LERCHL, JENS	2,870,809	LUGERT, GUENTER	2,812,077
KUHLMANN, KARL	2,793,403	LESANKO, JOHN A.	2,768,369	LUIGI LAVAZZA S.P.A.	2,796,584
KUHLMANN, KARL	2,793,564	LESS, SIMONE	2,834,572	LUOYANG LANDGLASS TECHNOLOGY CO., LTD.	2,881,950
KUHNE, WOLFGANG	2,693,443	LEVIN, OFEK	2,769,666	LV, GUOQUAN	2,886,025
KUIJPERS, ANNE-MARIE	2,870,809	LEVY, ARIE	2,769,666	M-I L.L.C.	2,907,318
KULKARNI, BHASKAR DATTATRAYA	2,773,301	LEVY, LAURENT	2,765,290	M.A.T. MALMEDIE ANTRIEBSTECHNIK GMBH	2,939,855
KUOPPAMAELI, MIKKO	2,784,819	LI, AIHUA	2,886,025	M.E.P. MACCHINE ELETTRONICHE	2,740,208
KUREHA CORPORATION	2,931,498	LI, ALFRED	2,836,274	MA, HAN	2,784,330
KUREHA CORPORATION	2,965,102	LI, BING C.	2,781,891	MACABIAU, CHRISTOPHE	2,726,929
KWAK, HYUN SUK	2,850,463	LI, DI	2,862,144	MACKIE, ELEANOR JEAN	2,809,286
KWON, HAE YOUNG	2,802,415	LI, LIANSHENG	2,768,307	MACLACHLAN, NIGEL JAMES	2,741,333
KWON, SUN-HYOUNG	2,892,103	LI, NONG	2,912,038	MACLEAN, DEREK	2,675,665
KWON, SUN-HYOUNG	2,892,107	LI, QINGZHONG	2,912,626	MACLENNAN, DAVID	2,722,485
KWON, SUN-HYOUNG	2,892,171	LI, SZE-WAN	2,756,568	MACNEIL IP LLC	2,928,926
L & P PROPERTY MANAGEMENT COMPANY	2,796,648	LI, YANBING	2,881,950	MACNEIL, DAVID F.	2,928,926
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2,848,804	LICHKUS, ANDREW M.	2,882,857	MAENNISTOE, PEKKA	2,784,819
L'OREAL SA	2,640,203	LIDDELL, KEITH STUART	2,879,821	MAGGIORELLA, LAURENCE	2,765,290
LABINAL, LLC	2,789,382	LIENHARD, JOHN	2,848,412	MAGNUSON, JON ALLAN	2,835,918
LAGAKOS, NICHOLAS	2,772,019	LIEUWEN, TIMOTHY C.	2,764,450	MAGUIRE, Yael	2,904,619
LAI, SAMUEL K.	2,663,003	LIFESCAN SCOTLAND LIMITED	2,775,812	MAHALIK, SAROJ KUMAR	2,919,118
LAIS, ERIC NORMAN	2,800,633	LIFEZONE LIMITED	2,879,821	MAHMUD, MAINUDDIN	2,780,428
LAKE SHORE SYSTEMS, INC.	2,844,104	LIGHTENING ENERGY	2,842,630	MAITY, SANDIP	2,919,118
LANG, ALOIS BERNHARDT	2,729,869	LILBURN, STEVE	2,750,763	MAKAM, ROSHAN VISWANATH	2,898,960
LANGE, PETER	2,806,208	LIM, BO-MI	2,892,103	MALHOTRA, RAKESH	2,726,379
LARSON, DANIEL	2,945,489	LIM, BO-MI	2,892,107	MALINEN, JOUNI	2,846,239
LARSON, DAVID	2,927,141	LIM, BO-MI	2,892,171	MALLIKARJUNNAIAH, NAVEENA	2,801,664
LARSON, DONALD K.	2,770,281	LIM, CHANG BAE	2,850,463	MALLINCKRODT PHARMA IP TRADING D.A.C.	2,745,726
LARSON, RICHARD	2,927,341	LIM, JIN YONG	2,802,415	MALTERUD, EIRIK	2,732,476
LARSSON, JOHAN	2,723,066	LIN, DEAN	2,908,142	MAMADA, EMI	2,925,879
LASSEN, MATTHEW A.	2,871,048	LINAMEN, TIM	2,784,663	MANUFACTURING RESOURCES INTERNATIONAL, INC.	2,705,814
LAUPSTAD, KJELL M.	2,732,476	LINCK, MARTIN B.	2,887,334	MARDIL, INC.	2,701,453
LAUTWEIN, CHRISTOF	2,939,855	LINDE	2,899,971	MARKER, TERRY L.	2,887,334
LAVALLEY INDUSTRIES, LLC	2,945,489	AKTIENGESELLSCHAFT	2,803,458	MARKOWICZ, PRZEMYSLAW P.	2,803,950
LAVALLEY, JASON	2,945,489	LINDEN, TORBJOERN	2,803,458	MAROCCHI, JAMES A.	2,962,294
LE HIR DE FALLOIS, LOIC PATRICK	2,743,856	LINDFORS, ERIK	2,785,234	MARSALA, CARMELO	2,979,100
		LINDLEY, JACOB ROBERT	2,847,596	MARSALIK, DANIEL F.	2,871,427
		LITTLE CAESAR ENTERPRISES, INC.	2,759,209		
		LITTLE, HERBERT ANTHONY	2,811,659		
		LIU, AMY D.	2,704,311		
		LIU, BIN	2,881,950		
		LIU, CHU-HENG	2,888,888		
		LIU, JIN	2,801,582		
		LIU, LEI	2,927,372		
		LIU, PETER	2,722,485		
		LIU, XIAOHAI	2,903,095		
		LIU, YI	2,768,307		

Index des brevets canadiens délivrés **13 février 2018**

MART, CHARLES J.	2,899,686	MERRON, MATTHEW JAMES	2,924,555	MUELLER, PETER M.	2,816,192
MARTENS, RALF	2,933,396	METCALF, BRENNAN	2,838,735	MULLER, DENIS	2,848,804
MARTIN, YVES C.	2,786,144	MG SYSTEMS CONSULTING		MULLER, REINER	2,907,995
MARTINEZ DIAZ, EDUARDO	2,880,404	SERVICES LLC	2,897,649	MUNAVALLI, MAHESH	2,932,534
MARTINY, LAURENT	2,840,719	MICHAUD, JOCELYN C.	2,932,534	MURAKAMI, YUUKI	2,933,314
MASANEK, FREDERICK W., JR.	2,928,926	MICHIWAKI, HIROSHI	2,752,087	MUSKATELLO, JAMES M.	2,932,534
MASON, TIMOTHY J.	2,890,581	MIKOL, VINCENT	2,663,209	NAG, PAPRI	2,772,654
MASS. ELECTRIC		MILIANI, ALESSIO	2,740,397	NAGASHIMA, KYO	2,746,574
CONSTRUCTION CO.	2,917,043	MILLS, PATRICK		NAGAYASU, HIROMITSU	2,928,613
MASSACHUSETTS INSTITUTE		WELLINGTON	2,789,382	NAGEL, FREDERIK	2,908,550
OF TECHNOLOGY	2,848,412	MIN, JUNG-HYE	2,889,737	NAGEL, FREDERIK	2,908,847
MATE, LLC	2,869,419	MINKE, JULES MAARTEN	2,741,333	NAGEL, THOMAS O.	2,854,492
MATHIS, JOHN P.	2,749,298	MINTEL, THOMAS E.	2,871,788	NAGI, ARWINDER SINGH	2,780,428
MATSEN, MARC R.	2,792,673	MISAWA, TAKAHIRO	2,913,362	NAGY, OLIVER	2,785,564
MAUJAN, SULEMAN		MITEK HOLDINGS, INC.	2,843,161	NAKAJI, PETER	2,835,065
RIYAJSAHIB	2,728,949	MITEK HOLDINGS, INC.	2,852,328	NAKAMURA, KENTARO	2,897,705
MAXWELL, RANDALL	2,896,344	MITEK HOLDINGS, INC.	2,855,463	NAKANO, TADASHI	2,981,213
MAYHEW, SCOTT M.	2,871,405	MITEK HOLDINGS, INC.	2,865,857	NAKAO, KAORU	2,793,859
MAZAR, OLEG A.	2,916,351	MITEK HOLDINGS, INC.	2,867,003	NAKAO, RYU	2,819,119
MBALA, ALOYS	2,809,286	MITEK HOLDINGS, INC.	2,898,340	NAKATANI, SHINSUKE	2,928,613
MCALPINE, WARREN W.	2,732,974	MITRAN, MARCEL	2,786,049	NAKAYAMA, YASUHIIDE	2,785,382
MCBRIDE, HEYOUNG	2,835,065	MITSUBISHI HEAVY		NALBONE, CRAIG L.	2,882,857
MCCABE, PAUL P.	2,733,087	INDUSTRIES, LTD.	2,907,845	NANOBIOTIX	2,765,290
MCCORMACK, PATRICK		MITSUBISHI HEAVY		NANTONG CIMC-SPECIAL	
GREGORY	2,910,218	INDUSTRIES, LTD.	2,928,613	TRANSPORTATION	
MCCORMICK, JAMES B.	2,901,423	MITTRICKER, FRANKLIN F.	2,764,450	EQUIPMENT	
MCCORMICK, JAMES		MIURA, DAISUKE	2,923,468	MANUFACTURE CO.,	
MICHAEL	2,789,382	MIYABE, SHIGEO	2,671,325	LTD.	2,886,025
MCCORMICK, JAROD	2,837,201	MIYAMOTO, YOHEI	2,793,859	NAPORA, NICHOLAS ALAN	2,934,548
MCDADE, ROBERT L.	2,556,516	MIYASHITA, TOSHIYA	2,897,705	NATIONAL GYPSUM	
MCDANIEL, DAVID H.	2,640,203	MIZAIOFF, BORIS	2,823,716	PROPERTIES, LLC	2,773,889
MCDONALD, PATRICK M.	2,724,645	MJN U.S. HOLDINGS LLC	2,815,780	NATIONAL HEAT EXCHANGE	
MCEVOY, MARY	2,775,812	MJN U.S. HOLDINGS LLC	2,881,536	CLEANING	
MCGEHAN, JOHN K.	2,825,274	MOCHIZUKI, MASAMI	2,746,574	CORPORATION	2,897,170
MCGOVERN, RONAN	2,848,412	MOCK, RANDOLF	2,812,077	NATIONAL INSTITUTE OF	
MCGOWAN, NEIL	2,811,180	MOCKENHAUPT, PAUL	2,865,780	PLANT GENOME	
MCGUCKIN, JAMES, F., JR.	2,734,482	MODULOGREEN VERTICAL		RESEARCH	2,772,654
MCISAAC, STEPHEN	2,460,650	SOLUTIONS	2,779,344	NAU, WILLIAM H., JR.	2,816,192
MCKEAN, ROBERT E.	2,742,790	MOELLER, WOLF-DIETRICH	2,801,960	NAYLOR, DANIEL J.	2,962,294
MCKELVIE, SAMUEL J.	2,951,970	MOHAMMED, RASHEED	2,744,478	NEEFS, JEAN-MARC EDMOND	
MCKENNA, GREGORY BLAKE	2,934,548	MOHANTY, PRAVANSU S.	2,782,698	FERNAND MARIE	2,579,971
MCLAIN, MICHAEL J.	2,869,419	MOLD HOTRUNNER		NEGLEF, MARK A.	2,792,673
MCMAHON, ROBERT J.	2,815,780	SOLUTIONS INC.	2,735,018	NEIMAN, GRIGORI	2,802,001
MCNEIL-PPC, INC.	2,747,403	MONSANTO TECHNOLOGY		NEILAW INC.	2,752,087
MCNEW, JUSTIN PAUL	2,751,954	LLC	2,780,448	NELSON, CHRIS	2,836,274
MCP IP, LLC	2,777,967	MONTEIL, GUILLERMO	2,916,232	NELSON, ERIC	2,942,998
MEACHAM, BRIAN E.	2,735,450	MOOG INC.	2,917,696	NELSON, SCOTT	2,877,676
MEDIAAS, HEIDI	2,705,823	MORAN TOWING		NELSON, WAYNE	2,700,451
MEDIATEK INC.	2,896,637	CORPORATION	2,885,575	NENE, SANJAY NARAYAN	2,773,301
MEDIPURPOSE PTE LTD	2,800,645	MORGAN, DAVID L.	2,749,722	NESTEC S.A.	2,841,266
MEDIVANCE INCORPORATED	2,705,535	MORGAN, JEROME R.	2,786,038	NETTEKOVEN, MATTHIAS	2,784,007
MEDOFF, MARSHALL	2,774,600	MORING, JOHN THOMAS	2,751,954	NEVEN, JOSEF	2,797,488
MEE, BRENDON FRANCIS	2,726,156	MORIOKA, MASANARI	2,671,325	NEXTERA AS	2,697,282
MEEKER, DAVID C.	2,890,581	MORLEY, STEPHEN THOMAS	2,756,189	NIBOUAR, F. ANDREW	2,785,741
MEGANATHAN, DEEPAK		MORRIS INDUSTRIES LTD.	2,768,369	NIELSEN, KLAUS ELIAS	2,779,753
SUNDAR	2,855,484	MORTIMER, STEPHEN	2,798,826	NIKE INNOVATE C.V.	2,838,016
MELIGRANA, GIUSEPPINA	2,778,127	MORYTKO, MICHAEL J.	2,781,891	NIKE INNOVATE C.V.	2,838,024
MENDELSON, AARON	2,870,805	MOSKOVICH, ROBERT	2,871,788	NIKIFORUK, KEVIN JAMES	2,904,632
MERCER, ANDREW ALLAN	2,840,513	MOST, DIETER	2,721,732	NIPPON LIGHT METAL	
MERIAL, INC.	2,741,333	MOTLEY, CURTIS BOBY	2,847,278	COMPANY, LTD.	2,868,962
MERIAL, INC.	2,743,856	MOTOROLA SOLUTIONS, INC.	2,962,294	NIPPON STEEL & SUMITOMO	
MERIAL, INC.	2,793,880	MOUA, TONY	2,816,192	METAL CORPORATION	2,933,314
MERRILL, WILLIAM WARD	2,803,950	MOURER, DAVID PAUL	2,804,402	NISHI, TAKAHIRO	2,806,615
		MUELLER, MICHAEL A.	2,796,221	NISHIUMI, HIROAKI	2,911,539

Index of Canadian Patents Issued February 13, 2018

NISSAN MOTOR CO., LTD.	2,925,876	OZGUR, SEZGIN	2,806,208	PHILIPS LIGHTING HOLDING	
NISSAN MOTOR CO., LTD.	2,979,963	PACKAGING CORPORATION		B.V.	2,765,816
NISSHIN STEEL CO., LTD.	2,981,213	OF AMERICA	2,802,237	PHILLIPS, GRANT RORIE	2,746,780
NISTOR, GABRIEL	2,901,105	PADFIELD, DAWN	2,768,275	PHILLIPS, GRANT WESLEY	2,928,740
NITTO DENKO		PADFIELD, NICK	2,768,275	PICHA, GEORGE J.	2,928,740
CORPORATION	2,676,757	PAGE, BRANDON M.	2,912,508	PIETERSEN, QUENTIN T.	2,871,048
NOBLE, DAVID R.	2,764,450	PAGET, DOUGLAS S.	2,850,504	PIONEER HI-BRED	
NOCERINO, AURELIO	2,739,101	PAIMBLANC, PHILIPPE	2,726,929	INTERNATIONAL, INC.	2,749,298
NOKIA SOLUTIONS AND		PAKZAD, PAYAM	2,869,311	POHRTE, BRIAN TIMOTHY	2,825,753
NETWORKS OY	2,801,960	PALANIGOUNDER, ANAND	2,846,239	POLITECNICO DI TORINO	2,778,127
NORGINE BV	2,768,275	PALASHEWSKI, WADE		PONATH, PAUL	2,693,677
NORSYNC TECHNOLOGY AS	2,767,533	DANIEL	2,905,987	PONG, GEOFFREY	2,710,405
NORTON, PAUL K.	2,750,763	PALASHEWSKI, WADE		PONGRAZ, JOHANN	2,848,804
NOSE, KENTA	2,944,988	DANIEL	2,906,038	PONTE, JOSE F.	2,693,677
NOSRATI, MOHAMMAD	2,847,596	PALASHEWSKI, WADE		POST, ALEXANDER E.	2,890,581
NOTTER, ROBERT H.	2,658,478	DANIEL	2,906,045	POTTER, CHRISTOPHER H.	2,866,659
NOVARTIS AG	2,794,284	PALM, GREGORY O.	2,822,238	POTIER, AGNES	2,765,290
NOVARTIS AG	2,908,142	PALO, EMMA	2,830,646	POUL, LAURENCE	2,765,290
NOVIKOV-KOPP, IVAN	2,748,756	PAN, GUOHUA	2,756,568	PRATT & WHITNEY CANADA	
NUANCE COMMUNICATIONS,		PAN, ZHENG ZHENG	2,900,572	CORP.	2,715,271
INC.	2,869,100	PANANDIKER, RAJAN		PRATT, ANTHONY R.	2,656,650
NUMATA, AKIRA	2,676,757	KESHAV	2,940,069	PRICE, DAVID	2,775,812
NUNGESTER, GREGORY R.	2,854,775	PANOPOULOS, GREG	2,819,748	PROBST, JOCHEN	2,801,218
NUNN, ROB	2,905,987	PANZA, SERGIO	2,800,285	PRYSMIAN CABLES &	
NUNN, ROB	2,906,038	PARENT, ALAIN	2,867,208	SYSTEMS LIMITED	2,741,170
NUNN, ROB	2,906,045	PARIKH, RUTESH D.	2,770,281	PTASIENSKI, KEVIN	2,847,596
NUOVO PIGNONE S.P.A.	2,740,397	PARK, JAE HYUN	2,772,690	PUERTA VELASQUEZ, JUAN	
NUTRIFIELD PTY LTD	2,819,748	PARK, PETER U.	2,663,209	DAVID	2,895,944
NYCE, GREG	2,837,201	PARK, SUNG-IK	2,892,103	PUGH, TREVOR K.	2,873,858
O'CONNOR, CLARA ELEANOR		PARK, SUNG-IK	2,892,107	PURNHAGEN, HEIKO	2,911,746
GRAINNE	2,841,266	PARK, SUNG-IK	2,892,171	QI, YOU LIN	2,780,448
O'DEA, DENNIS M.	2,764,450	PARTINGTON, GARRY	2,700,451	QU, QI	2,877,676
O'DONNELL, COLIN M.	2,882,162	PARTO, KAMBIZ	2,908,142	QUALCOMM INCORPORATED	2,846,239
OASYS HEALTHCARE		PASCHE, MICHAEL ROBERT	2,707,206	QUALCOMM INCORPORATED	2,869,311
CORPORATION	2,740,627	PASQUIER, CECILE	2,800,099	QUINLAN, MARY	2,825,753
OBER, MICHAEL HENRY	2,737,120	PATE, JAMES	2,743,856	RAB DESIGN LIGHTING INC.	2,809,709
OCHITWA, CORY W. K.	2,768,369	PATEL, HEMANG F.	2,962,294	RABHI, VIANNEY	2,918,138
ODA, KAZUHIRO	2,868,962	PATEL, NARENDRA KUMAR		RADIOMEDIX INC.	2,843,313
OESTERHELD, JOERG	2,804,244	B.	2,756,568	RAETHER, THOMAS DONALD	2,777,529
OH, JUNG SUK	2,802,415	PATHEON API SERVICES INC.	2,768,154	RAFALSKI, J. ANTONI	2,726,556
OHASHI, SHOUICHI	2,933,314	PAUL, SANJOY	2,797,933	RAHILLY, MICHAEL	2,763,607
OHLEH, NICHOLAS L.	2,757,000	PAULS, HEINZ W.	2,756,568	RAIDER, WESLEY A.	2,770,281
OISHI, TSUYOSHI	2,928,613	PAYNE, KELLIE F.	2,816,192	RAMACHANDRAN,	
OJIRI, MASASHI	2,868,962	PAYTON, ROBERT	2,873,858	CHIANDRASHEKAR	2,801,664
OKURA, MASAYUKI	2,931,498	PEACOCK, LAWRENCE ALAN	2,786,877	RAMAN, JAISHANKAR	2,701,453
OLIVERIUS, MATTHEW	2,801,664	PEMAMEK OY	2,759,745	RAMANATHAN,	
ONCOLYTIC BIOTECH INC.	2,678,721	PENAZZI, NERINO	2,778,127	CHARULATHA	2,851,800
ONORATO, ORLANDO	2,739,101	PENDLETON, JUSTIN D.	2,845,819	RAMBERG, RUNE MODE	2,720,678
OPENHYDRO IP LIMITED	2,775,623	PENDLEY, TIMOTHY	2,869,419	RAMSEYER, SEVERIN	2,908,166
OREN, VITALY	2,891,292	PENTAIR WATER POOL AND		RANA, MANOJ	2,869,785
ORION CORPORATION	2,784,819	SPA, INC.	2,905,970	RAS, ERIK-JAN	2,837,201
OSAKI, SHIN	2,785,382	PERHATS, FRANK J., SR.	2,702,656	RASHEED, ADAM	2,732,899
OSBORNE, GUY	2,909,691	PERINA, MARK	2,886,770	RASMUSSEN, CHAD C.	2,764,450
OSRAM SYLVANIA INC.	2,900,209	PERKINELMER CHEMAGEN		RASMUSSEN, MARK	2,865,780
OSTER, JUERGEN	2,879,354	TECHNOLOGIE GMBH	2,879,354	RASTALL, ROBERT A.	2,815,780
OSTUNI, RAFFAELE	2,800,285	PERRAUDIN, JEAN-PAUL	2,750,701	RATNI, HASANE	2,784,007
OTA, YUJI	2,868,962	PERREAULT, SEAN REILEY	2,885,575	RAVIKUMAR, SUNDARAM	2,909,691
OTSUKA PHARMACEUTICAL		PERRON, HERVE	2,729,869	RAYMOND, ROBERT A.	2,871,941
CO., LTD.	2,757,744	PERVAN, DARKO	2,793,863	REFRACTORY	
OTSUKA PHARMACEUTICAL		PETERS, GEOFFREY	2,663,859	INTELLECTUAL	
CO., LTD.	2,757,745	PETERSEN, KURT H.	2,770,281	PROPERTY GMBH & CO.	
OUNEJJAR, YOUSSEF	2,743,085	PETROCHINA COMPANY		KG	2,923,382
OWEN, JOHN I. R.	2,656,650	LIMITED	2,862,144	REIPSCHLAGER, THOMAS	2,923,220
OZA, PANKAJ	2,768,275	PETSCHOW, BRYON W.	2,815,780	REN, BAORUI	2,736,592

Index des brevets canadiens délivrés 13 février 2018

REN, PINGDA	2,768,307	SAKURA FINETEK U.S.A., INC.	2,901,423	SCHULTZ, MIKE	2,882,162
RENISHAW PLC	2,805,701	SAKURAI, TOMOHIRO	2,897,705	SCHULZE, STEPHAN	2,923,220
RENTZ, ANDREAS	2,870,809	SAMPSON, PETER BRENT	2,756,568	SCHUNK, TIMOTHY C.	2,825,753
RENTZ, HARALD	2,881,536	SAMSUNG ELECTRONICS CO. LTD.	2,850,463	SCHWAN, ADRIAN L.	2,658,478
REVEN PHARMACEUTICALS, INC.	2,806,208	SAMSUNG ELECTRONICS CO., LTD.	2,772,690	SCINOPHARM (KUNSHAN) BIOCHEMICAL TECHNOLOGY CO., LTD.	2,816,559
REZVANI, BEHZAD	2,862,183	SAMSUNG ELECTRONICS CO., LTD.	2,889,737	SCIRICA, PAUL A.	2,904,949
RIBOSCIENCE LLC	2,784,330	SAMUELSSON, LEIF JONAS	2,911,746	SCOTT, WILLIAM NORRIS	2,746,780
RICE, JEREMY PAUL	2,885,575	SANDSTROM, ROBERT L.	2,786,144	SCOTTI DEL GRECO, ALBERTO	2,740,397
RICHARD, BENNETT M.	2,916,351	SANDVIK, PETER MICHAEL	2,856,490	SCOTTO, ANDREA	2,785,775
RICIGLIANO, JOSEPH W.	2,817,309	SANNINO, CHRISTIAN	2,712,172	SCRIVANO, DAVID	2,759,209
RIDDELL, ALAN	2,773,187	SANO, HIROSHI	2,868,962	SEATTLE CHILDREN'S HOSPITAL	2,648,030
RIEMER, CLAUD	2,784,007	SANOI-AVENTIS	2,663,209	SEEHRA, JASBIR	2,729,098
RINGEISEN, TIMOTHY A.	2,557,386	SANTANA MILIAN, HECTOR JESUS	2,880,404	SEELEY, BRAD L.	2,839,150
RISPOLI, GIACOMO	2,726,904	SANYO CHEMICAL INDUSTRIES, LTD.	2,944,988	SEEMAN, EGO	2,809,286
ROBBINS, AVI M.	2,793,226	SAP FRANCE	2,663,859	SEETZEN, HELGE	2,891,054
ROBEL BAHNBAUMASCHINEN GMBH	2,819,200	SARMA, KESHAB	2,784,330	SEITZMAN, JERRY M.	2,764,450
ROBERT, LAURENT	2,712,172	SASAI, HISAO	2,806,615	SELECT COMFORT CORPORATION	2,905,987
ROBERTS, BRIAN A.	2,851,769	SAUDI ARABIAN OIL COMAPNY	2,925,745	SELECT COMFORT CORPORATION	2,906,038
ROBERTS, MICHAEL J.	2,887,334	SAUDI ARABIAN OIL COMPANY	2,834,572	SELECT COMFORT CORPORATION	2,906,045
ROBINSON, HENRY NOEL	2,912,038	SAVOLAINEN, MIKKO	2,759,745	SENGER, TORALF	2,729,496
ROBINSON, IAN	2,828,693	SAWARGAVE, SANGMESHWER		SENSIMED AG	2,702,770
ROCK SAFETY I SWEDEN AB	2,761,021	SCHABRON, JOHN F.	2,728,949	SEO, JOO-YOUNG	2,802,415
ROCKWOOD ITALIA S.P.A.	2,778,127	SCHAEFER, RENE WILHELM	2,757,919	SERGUEEVA, ALLA V.	2,735,450
RODDY, MATTHEW WILLIAM	2,885,575	SCHAMMEL, WAYNE P.	2,804,244	SHADFORTH, IAN	2,775,812
RODLSBERGER, ALFRED	2,804,955	SCHARENBERG, ANDREW M.	2,837,201	SHAH, TUSHAR	2,700,103
RODRIGUEZ, BERITTO TUBO	2,970,773	SCHAUBLE, RICHARD EGON	2,648,030	SHAW, ANDREW	2,704,311
ROEHL, CHRISTOPHER D.	2,932,534	SCHEFER, DIRK	2,802,560	SHAW, EDWARD E.	2,850,504
ROESCH, FREDERIC	2,746,108	SCHELLER, BRUNO	2,933,396	SHELL INTERNATIONALE RESEARCH	
ROGERS, W. CLARK	2,871,941	SCHER, ERIK C.	2,695,089	MAATSCHAPPIJ B.V.	2,766,188
ROMMEL, CHRISTIAN	2,768,307	SCHERKENBACK, JAMIE	2,837,201	SHELTON, FREDERICK E., IV	2,786,038
ROSEMOUNT ANALYTICAL, INC.	2,862,183	SCHIFFER JR., WILLIAM JAMES	2,576,535	SHERMAN, MATTHEW L.	2,729,098
ROSENBERG, EVA	2,693,443	SCHILLER, DAVID	2,882,857	SHIBAHARA, YUJI	2,806,615
ROSENBERG, DANIEL	2,837,201	SCHIRMACHER, MARTIN	2,882,162	SHIBATA, KAZUNORI	2,888,506
ROSENTEL, JOSEPH K., JR.	2,793,880	SCHISLER, DAVID A.	2,786,159	SHIMIZU, KAZUO	2,755,132
ROSENZWEIG, MICHAEL	2,693,677	SCHISLER, GARY	2,769,327	SHIN, NAMHEE	2,802,237
ROSS TECHNOLOGY CORPORATION	2,817,309	SCHISLER, GARY	2,740,627	SHINDE, RAVINDRA WILLIAM	2,773,301
ROTH, BRIAN A.	2,925,745	SCHILAKE, THOMAS	2,801,218	SHIPILKIN, ROMAN	2,891,292
ROUNDTREE, BRIAN	2,869,100	SCHILAPP, TOBIAS	2,840,513	SHUB, NATALYA	2,743,856
ROURU, JUHA	2,784,819	SCHLENHOFF, BEHREND GOSWIN	2,774,267	SICK, EMILIE	2,840,719
ROVANI, JOSEPH F., JR.	2,757,919	SCHMIDT, HARALD	2,735,018	SICPA HOLDING SA	2,800,099
ROWE, MATTHEW DENNIS	2,910,218	SCHMIDT, PHILIP STEVEN	2,847,596	SIEBTE PMI VERWALTUNGS GMBH	2,780,579
ROY, SYLVAIN	2,708,214	SCHMIDTLIN, EDOUARD	2,908,142	SIEGEL, DENNIS C.	2,834,700
ROYCE, TOM N.	2,877,676	SCHNEIDER, CHRISTOPHE	2,840,719	SIEGEL, STANLEY M.	2,834,700
RUDINEC, STEPHEN A.	2,844,104	SCHOELLER TECHNOCELL GMBH & CO. KG	2,780,543	SIEGLING, ANGELA	2,840,513
RUMPLECKER, ANJA	2,837,201	SCHOLTZ, ANTOINE JOUBERT	2,721,895	SIEMENS	2,721,732
RUNDLE SPORT INC.	2,867,208	SCHON, ANDREW	2,786,445	SIEMENS	2,812,077
RUSII, KELDON	2,869,100	SCHROEDER, HEINZ	2,933,396	SIEMENS	2,917,727
RUSIN, CHRISTOPHER T.	2,816,192	SCHROEDL, SOEREN	2,785,564	SIEMENS	2,925,385
RUTYNOWSKI, WLODZIMIERZ	2,885,830	SCHUBERT, BETH ANN	2,940,069	AKTIENGESELLSCHAFT	2,726,379
S & B TECHNICAL PRODUCTS, INC.	2,916,232	SCHULER, FRANCESCA	2,962,294	SIEMENS INDUSTRY, INC.	2,730,080
SAARELA, MARIA	2,815,780	SCHULTE, JOHN B.	2,781,111		
SAARELA, ANTTI	2,785,234				
SACHS, JASON M.	2,779,296				
SAF-HOLLAND GMBH	2,916,796				
SAJO, HIKARU	2,965,102				
SAITO, KOICHI	2,944,988				

Index of Canadian Patents Issued February 13, 2018

SIKKA, VINOD K.	2,817,309	STAMICARBON B.V. ACTING		TAIANA, DENNYS	2,823,109
SILKAITIS, DANILUS P.	2,781,111	UNDER THE NAME OF		TAKAHASHI, DAISUKE	2,787,096
SILLAJEN		MT INNOVATION		TAKAHASHI, TAKEO	2,931,498
BIO THERAPEUTICS, INC.	2,774,144	CENTER	2,830,646	TAKAHATA, MASAHIRO	2,840,720
SILURIA TECHNOLOGIES, INC.	2,837,201	STANKE, MARIANNE J.	2,962,294	TAKEDA, SATOSHI	2,868,962
SILVER BULLET WATER TREATMENT COMPANY, LLC	2,803,926	STAPELBROEK, MARTINUS BERNARDUS	2,748,419	TAKEMOTO, SHINICHIROU	2,979,963
SIMS-MOURTADA, JENNIFER	2,843,313	STATOIL PETROLEUM AS	2,705,823	TAKEUCHI, YUTAKA	2,923,468
SINGER, DAVID C.	2,845,819	STATOIL PETROLEUM AS	2,720,678	TAKIGAWA, YASUSHI	2,755,132
SINGH, MANINDRA	2,772,654	STAUDITE, JONAS	2,895,944	TALLEN, JOSHUA RYAN	2,865,780
SINGH, NARENDRA PRATAP	2,905,970	STEERS, CHARLES	2,796,648	TAMADA, AKIRA	2,933,314
SIRIANNE, RAYMOND A.	2,816,192	STEIN, JAY	2,736,592	TAMMAMA, VEERA	
SIVIK, MARK ROBERT	2,940,069	STEINHAUSER, LOUIS P.	2,847,596	VENKATA R.	2,834,572
SJOGREN, BJORN-HARALD	2,767,533	STEMICH, CARSTEN	2,805,940	TAN, ZHENG GUO	2,862,144
SKALETSKAYA, ANNA	2,663,209	STEMICH, CARSTEN	2,805,970	TANAKA, HIROSHI	2,928,613
SKERJANEC, SIMONA	2,778,880	STEUR, JELTE	2,748,419	TANAKA, TOSHIYUKI	2,923,468
SKIDATA AG	2,914,175	STEWART, KENT D.	2,781,891	TANG, QINGNONG NELSON	2,780,579
SLACKER, INC.	2,680,797	STILLWELL, NICHOLAS	2,804,955	TANIGUCHI, DAISUKE	2,944,988
SLEEPIQ LABS INC.	2,905,987	STINSON, DAVE	2,740,627	TANK-LANGENAU, AXEL HELMUT	2,774,267
SLEEPIQ LABS INC.	2,906,038	STOCKHAMMER, THOMAS	2,869,311	TATE & LYLE INGREDIENTS AMERICAS LLC	2,825,753
SLEEPIQ LABS INC.	2,906,045	STOECKER, MARTIN A.	2,780,448	TAVARES, DANIEL	2,663,209
SLEGEL, TIMOTHY	2,786,049	STOLTZ, GERHARDUS JOHANNES	2,800,239	TAVERNESE, GIOVANNI	2,734,423
SMALL, JONATHAN D.	2,851,800	STOREY, ROBSON F.	2,749,722	TAVERNESE, LUIGI	2,734,423
SMEDSTAD, ERIC RANDALL	2,879,286	STORKLE, DOMINIC	2,907,995	TAYLOR, BRENT ALAN	2,948,559
SMERECKY, JERRY R.	2,785,741	STRACHAN, ALEXANDER	2,775,812	TECHSPACE AERO S.A.	2,758,830
SMILOVICI, CAROL	2,877,602	STRAXCORP PTY LTD	2,809,286	TEDDER, CATHARINA L.	2,732,974
SMITH, ANDREW	2,736,592	STRETTON, PETER	2,766,719	TEFT, GILLIAN	2,775,812
SMITH, DAVID BERNARD	2,784,330	STRILCHUK, DAVID	2,911,804	TEICHMANN, JORG	2,917,727
SMITH, DOUGLAS	2,785,741	STROM, MARIA	2,851,800	TEIJIN CHEMICALS LTD.	2,787,096
SMITH, GEOFFREY PAUL	2,903,095	STROTHER, DAVID	2,759,209	TEIJIN CHEMICALS LTD.	2,790,044
SMITH, KEVIN ROBERT	2,847,596	STROYER, BEN	2,777,681	TEJADA, ELBER F.	2,825,753
SMITHS MEDICAL ASD, INC.	2,932,534	STRUNCK, SVEN	2,796,221	TEJWANI, MONICA	2,793,880
SNAP-ON INCORPORATED	2,866,659	STUSYNSKI, STACY	2,906,038	TELEFLEX MEDICAL INCORPORATED	2,909,691
SNECMA	2,745,506	SU, JIEHUA	2,792,021	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)	2,786,810
SNEYDERS, LUC	2,961,234	SUGANO, KENICHI	2,925,879	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)	2,811,180
SNYDER, JOHN KENNETH	2,908,925	SUGIMARU, SATOSHI	2,933,314	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)	2,955,765
SO, SUNG-SAU	2,929,785	SUGIMOTO, YASUAKI	2,746,574	TELLER, ERIC	2,859,397
SOCOVAR S.E.C.	2,743,085	SUGIO, TOSHIYASU	2,806,615	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	2,879,445
SOKOLOWSKI, JAMES	2,873,858	SUGITA, KAORU	2,868,962	TERRAHAWK LLC	2,779,640
SOLL, MARK DAVID	2,743,856	SULZER MIXPAC AG	2,805,940	TESCO CORPORATION	2,904,632
SOMMER, THOMAS	2,879,354	SULZER MIXPAC AG	2,805,970	THALES	2,712,172
SONG, WEIXIN DAVID	2,836,274	SUMITA, ATSUSHI	2,787,096	THALES	2,726,929
SONG, XINGHUA	2,786,810	SUN PATENT TRUST	2,806,615	THE AQUA ENTERPRISE COMPANY	2,965,464
SONG, YI	2,842,154	SUN, HONG	2,877,676	THE BOEING COMPANY	2,792,673
SOSHINSKY, ANDRE A.	2,747,403	SUN, WILLIAM H.	2,871,405	THE BOEING COMPANY	2,801,664
SOUTHERN IMPERIAL LLC	2,854,492	SUN, ZHONGNING	2,954,136	THE BOEING COMPANY	2,818,333
SPA SOCIETA' PRODOTTI ANTIBIOTICI S.P.A.	2,732,071	SUNSHINE, DAVID	2,803,926	THE BOEING COMPANY	2,835,918
SPECK, ULRICH	2,695,089	SURF 9, LLC	2,889,809	THE BOEING COMPANY	2,871,048
SPENCE, JOHN R.	2,779,640	SUSCHEK, CHRISTOPH	2,790,610	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	2,722,485
SPIELMANN, ROLF	2,916,796	SUTTON, CLAY R.	2,942,998		
SPILLER, DARREN MICHAEL	2,741,170	SVECHNIKOV, EVGENI LVOVICH	2,794,385		
SPOONER, EDWARD	2,775,623	SVEDBERG, JONAS	2,955,765		
SPRAY-NET CANADA INC.	2,979,100	SWANSON, CAL THOMAS	2,847,596		
SPRINGATE, CHRISTOPHER	2,623,471	SWEETWATER ENERGY, INC.	2,781,862		
SQUERI, JOHN M.	2,850,504	SWENSON, ROLF E.	2,724,645		
ST. VINCENT'S HOSPITAL SYDNEY LIMITED	2,405,680	SYMBOL TECHNOLOGIES, LLC	2,928,403		
STA-RITE INDUSTRIES, LLC	2,707,206	SZOBOTA, JOHN S.	2,823,716		
STACHOWIAK, JOHN E.	2,912,508	SZWED, PETER KENNETH	2,800,633		
		TAAFFE, DAVID	2,775,623		
		TADDIA, LUCA	2,963,007		
		TAGUCHI, YOSHIHIRO	2,868,962		

Index des brevets canadiens délivrés 13 février 2018

THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY	2,772,019	TOGASHI, FUMIHIRO	2,787,096	UNIVERSITE DE REIMS	
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,777,629	TOGASHI, FUMIHIRO	2,790,044	CHAMPAGNE ARDENNE	2,840,719
THE JOHNS HOPKINS UNIVERSITY	2,663,003	TOKYO ROPE MANUFACTURING CO., LTD.	2,933,314	UNIVERSITY HEALTH NETWORK	2,756,568
THE LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER	2,658,478	TORAY INDUSTRIES, INC.	2,793,859	UNIVERSITY OF GUELPH	2,658,478
THE MOSAIC COMPANY	2,786,877	TOYOTA JIDOSHA	2,888,506	UNIVERSITY OF PRETORIA	2,741,333
THE NANOSTEEL COMPANY, INC.	2,735,450	KABUSHIKI KAISHA	2,897,705	UNIVERSITY OF ROCHESTER	2,658,478
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION	2,769,327	TOYOTA JIDOSHA	2,911,539	UNIVERSITY OF WYOMING RESEARCH CORPORATION D/B/A WESTERN RESEARCH INSTITUTE	2,757,919
THE PROCTER & GAMBLE COMPANY	2,847,278	KABUSHIKI KAISHA	2,913,362	UPCYCLE HOLDINGS LIMITED	2,804,955
THE PROCTER & GAMBLE COMPANY	2,940,069	TOYOTA JIDOSHA	2,916,624	URBANSKI, NICHOLAS F.	2,899,686
THE RAYMOND CORPORATION	2,733,087	KABUSHIKI KAISHA	2,944,988	URBIN, STEPHANIE ANN	2,940,069
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,741,333	TRACTEL SAS	2,813,151	USG INTERIORS, LLC	2,822,238
THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,782,698	TRAINOR, JAMES	2,576,535	VAAL, MARK	2,757,744
THE SECRETARY OF STATE FOR DEFENCE	2,656,650	TRAN, ANDY THAO	2,898,340	VAAL, MARK	2,757,745
THE STANLEY WORKS	2,718,256	TRAPEZE SOFTWARE INC.	2,576,535	VAELINGE INNOVATION AB	2,782,869
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,747,403	TRAPP, BENJAMIN M.	2,850,504	VAIUDE, SHARANGI RAVINDA	2,728,949
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE	2,769,327	TRAVIS, JEFFREY C.	2,890,581	VALARMOFF, NEIL JOHN	2,746,780
THE UNIVERSITY OF SOUTHERN MISSISSIPPI	2,749,722	TREADWELL, DANIEL J.	2,770,281	VALINGE INNOVATION AB	2,793,863
THERAVANCE BIOPHARMA R&D IP, LLC	2,765,621	TRIBORO QUILT MANUFACTURING CORPORATION	2,760,609	VALMONT INDUSTRIES, INC.	2,886,770
THESS, ANDREAS	2,801,218	TRPKOVSKI, PAUL	2,777,967	VAN BUREN, MARTIN RICHARD	2,746,780
THIEL, GREGORY	2,848,412	TSAL, CHIA-YANG	2,896,637	VAN DEN BERG, KAREL	2,731,313
THINNES, JOHN H., JR.	2,734,482	TSAO, FRANK	2,810,888	VAN DEN BOSSCHE, MATHIAS	2,726,929
THOM, ALLAN R.	2,928,926	TSCHETTER, JEFFREY	2,882,162	VAN EYK, JENNIFER E.	2,817,847
THOMAS, AMANDA B.	2,759,209	TUCKER, GARY D., III	2,782,962	VAN KESSEL, THEODORE G.	2,786,144
THOMAS, THERESA	2,835,065	TURNBULL, KEVIN	2,963,007	VAN WYK, HENK	2,806,208
THOMPSON, ZACHARY M.	2,770,281	TWISTED PAIR SOLUTIONS, INC.	2,927,141	VAN WYK, MARIETTE	2,806,208
THURMOND, ROBIN L.	2,727,627	TWOROWSKA, IZABELA	2,843,313	VASQUEZ, GREGORY	2,781,295
THYSENKRUPP INDUSTRIAL SOLUTIONS AG	2,933,396	TYCO ELECTRONICS CORPORATION	2,756,189	VASQUEZ, ROBERTO	2,757,000
TIDEWAY B.V.	2,765,483	TYCO HEALTHCARE GROUP LP	2,699,141	VECIANA MIRO, JAUME	2,880,404
TILAK, VINAYAK	2,919,118	TYCO HEALTHCARE GROUP LP	2,703,412	VEENDIJK, ARIF	2,748,419
TILLER, THOMAS	2,800,099	TYCO HEALTHCARE GROUP LP	2,706,943	VELOCITY TECHNOLOGY ENTERPRISES, INC.	2,865,780
TILSTRA, MATTHEW WAYNE	2,906,038	TYCO HEALTHCARE GROUP LP	2,769,666	VENKATAPPA, KRISHNAMURTHY	2,898,960
TIMMONS, PHILIP REID	2,743,856	TYNKKYNNEN, TIMO	2,759,745	VENTOSA RULL, LEONOR	2,880,404
TOCHIGI, KOHEI	2,916,624	UDALI, VENKATA NARASIMHA RAVI	2,801,664	VERHASSELT, PETER KAREL MARIA	2,579,971
		UENO, SHIN	2,981,213	VERNACARE LIMITED	2,700,451
		UENO, TAKAHITO	2,671,325	VERTEX PHARMACEUTICALS INCORPORATED	2,706,920
		ULRICHI, MAGDA	2,790,610	VICENTE, ORIOL A.	2,869,343
		UNDERBAKKE, HARALD	2,720,678	VICISANO, LORENZO	2,869,311
		UNISON INDUSTRIES, LLC	2,726,156	VIFIAN, WALTER	2,784,007
		UNITED PIPELINE SYSTEMS, INC.	2,838,735	VILAGINES, REGIS D.	2,834,572
		UNITED STATES GYPSUM COMPANY	2,836,274	VINCENT, PRADEEP	2,951,970
		UNIVERSAL CITY STUDIOS LLC	2,784,663	VINDSTAD, JENS EMIL	2,705,823
		UNIVERSITAET FUER BODENKULTUR WIEN	2,779,543	VIRDI, GURDEEP SINGH	2,797,933
				VISCIOI, DAMIANO	2,785,775
				VISSENBERG, MICHEL CORNELIS JOSEPHUS MARIE	2,765,816
				VOLK, HANS-DIETER	2,840,513
				VONESH, MICHAEL J.	2,850,504
				VOORHEES, MARC	2,705,535
				VOSS, JEFFREY W.	2,781,891

Index of Canadian Patents Issued February 13, 2018

W.L. GORE & ASSOCIATES GMBH	2,920,081	WHITEWATER WEST INDUSTRIES LTD.	2,870,805	YI, DAE AM	2,874,428
W.L. GORE & ASSOCIATES, INC.	2,850,504	WICHER, MARTINA	2,780,543	YI, PATRICK	2,800,645
WACKER, BERND	2,721,732	WICHGERS, MATTHEW JACOB	2,885,575	YIANNIKOUROS, GEORGE PETROS	2,768,154
WADSWORTH, SCOTT A.	2,727,627	WIDLROTH, OTTO	2,819,200	YIRAVA, WILLIAM A.	2,901,297
WAGENER, CHRISTOPH	2,939,855	WIENHUES-THELEN, URSULA-HENRIKE	2,722,485	YOSHIKANE, MASATO	2,965,102
WAGONER, DANNY W.	2,940,759	WIESLANDER, ANDERS	2,803,458	YOSHIMURA, TAKURO	2,925,879
WAIT, JOHN ROBERT	2,865,780	WILCOX, KURT S.	2,810,888	YOSHINO GYPSUM CO., LTD.	2,923,468
WAJS, ANDREW AUGUSTINE	2,824,306	WILEY, JEFFREY P.	2,781,111	YOU, JIALI	2,866,613
WALESA, BRIAN A.	2,866,659	WILKES, LINNEA M.	2,770,281	YOUNG, STEVEN	2,905,987
WALKER, S. PAUL	2,871,048	WILKINS, STEPHEN GLENN	2,800,633	YOUNG, STEVEN	2,906,038
WALLACE, GRIER A.	2,781,891	WILKINSON, BRADLEY	2,885,830	YOUSSEF, EMAD	2,906,045
WALLIN, MAGNUS	2,782,869	WILKINSON, KEVIN	2,896,344	YU, QING CLAIRE	2,835,065
WALLING, WILLOUGHBY HAYDEN	2,838,016	WILLE, JAMES P.	2,730,080	YU, YI	2,822,238
WALLING, WILLOUGHBY HAYDEN	2,838,024	WILLIAMS, ANDREA	2,786,877	YUAN-MEI CORP.	2,842,154
WALLMAN, DANIEL JERED	2,835,918	WILLIAMS, DEREK M.	2,928,740	YUKUMOTO, ATSUIHIRO	2,878,717
WALTERS, CLIFFORD C.	2,823,716	WILMERS, KIMBERLY ANN	2,841,266	YUN, WEIYA	2,928,613
WALTHER, FRANS	2,658,478	WILSON, DOUGLASS FAIRFAX	2,838,735	YUN, YOUNG UK	2,901,542
WALTON, ZACHARY WILLIAM	2,924,555	WILSON, TROY EDWARD	2,768,307	ZABARAS, GEORGE JOHN	2,850,463
WALTZ, LUCAS B.	2,845,776	WILT, MICHAEL J.	2,779,296	ZAGGL, ALEXANDER	2,766,188
WANG, AIJUN	2,886,025	WINDHAM, LARRY TODD	2,746,780	ZANNONI, LUKE ANDREW	2,920,081
WANG, BIN	2,869,311	WING, BARDEN J.	2,726,379	ZANUTTI, CEDRIC	2,940,069
WANG, JIANFENG	2,786,810	WINKLER, JOHANN	2,579,971	ZEBAZE, ROGER	2,775,957
WANG, JIANJUN	2,954,136	WINTER, GERHARD	2,693,443	ZEHAVI, GABBY	2,809,286
WANG, JINLIN	2,866,613	WINTERITZ, CHARLES	2,623,471	ZEHAVI, GABBY	2,901,143
WANG, LINGFANG	2,866,613	WISHART, NEIL	2,781,891	ZERIA PHARMACEUTICAL CO., LTD.	2,901,470
WANG, LU	2,781,891	WISMER, JEAN-MARC	2,702,770	ZHABKO, GREGORY PETROVICH	2,819,119
WANG, ZHENG DONG	2,658,478	WODLINGER, HAROLD	2,851,800	ZHANG, BEILI	2,794,385
WANG, ZHONGYI	2,658,478	WOLF, ANDREAS	2,775,957	ZHANG, CHENXI	2,706,920
WANLIN, HUGUES	2,867,208	WOLFE, THOMAS C.	2,749,298	ZHANG, HAITAO	2,862,144
WARING, ALAN J.	2,658,478	WOLLER, KEVIN R.	2,781,891	ZHANG, JING	2,862,144
WATERLEAF LIMITED	2,721,895	WONG, LISA	2,845,776	ZHANG, JUNPING	2,901,542
WATLOW ELECTRIC MANUFACTURING COMPANY	2,847,596	WONG, WEI CHEONG	2,784,043	ZHANG, LIBIN	2,916,030
WATSON, MARK	2,869,311	WOOLLAM, GRAHAME	2,765,621	ZHANG, NAN	2,912,626
WATTENGEL, WILLIAM CHRISTIAN	2,557,386	WRIGHT, RONALD PERRY	2,865,780	ZHANG, QIAN	2,954,136
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,912,508	WU, CHENGYONG	2,927,372	ZHANG, QISHENG	2,916,030
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,940,759	WU, XIAOLIN	2,903,095	ZHANG, SANHONG	2,649,697
WEAVER, JOSH	2,859,397	WU, YANYAN	2,704,719	ZHANG, WENSHENG	2,847,596
WEBER, OLAF	2,840,513	WURTH, STEPHEN ANDREW	2,841,266	ZHANG, XIAOLONG	2,801,582
WEIKERT, ROBERT JAMES	2,901,542	WURTZ, PATRICE	2,743,856	ZHANG, XIAOMIN	2,879,445
WEINSCHENK, JOSEPH L. III	2,794,284	WUSCHING, MICHAEL	2,775,957	ZHOU, JIA	2,912,626
WEISANG, NICOLAS	2,746,108	WUSCHNER, JOHN F.	2,932,534	ZHOU, RUI	2,877,676
WEISKER, JAN	2,917,727	WYETH LLC	2,780,428	ZHOU, SHIELLY YUQING	2,856,490
WEISSER, ERIC	2,700,103	X DEVELOPMENT LLC	2,859,397	ZHOU, XIANGDONG	2,825,753
WELLWOOD, ROBERT	2,649,697	XEROX CORPORATION	2,888,888	ZHU, SHAWN	2,877,095
WENTINK, MAARTEN MENZO	2,846,239	XIONG, YINGYING	2,912,740	ZIEGLER, GOERAN	2,734,450
WERNER, RUNE	2,732,476	XYLECO, INC.	2,774,600	ZIMMERMANN, HANS-RUEDI	2,793,863
WERT, DAVID E.	2,885,933	YAMADA, NAOHIRO	2,793,859	ZINGMAN, ARON O.	2,908,166
WEST CHINA HOSPITAL, SICHUAN UNIVERSITY	2,801,582	YAMADA, OSAMI	2,944,988	ZIVANOVIC, BOJAN	2,783,159
WESTON, DENISE	2,870,805	YAMAMOTO, MASAYA	2,981,213	ZODDA, JULIUS P.	2,923,382
WHEATLEY, BARRY	2,908,142	YAN, CHANGQI	2,954,136	ZODIAC INTERCONNECT UK LIMITED	2,724,645
WHITE, RICHARD	2,760,609	YANG, HUI	2,737,749	ZODIAC POOL SYSTEMS, INC.	2,773,187
		YANG, JUN	2,801,582	ZTE CORPORATION	2,800,239
		YANG, SHU	2,747,403	ZUPKOF-SKA, MICHAEL	2,879,910
		YANG, SUENG-WAN	2,802,415	ZURCHER, FABIO R.	2,750,763
		YANG, ZHICE	2,916,030		2,837,201
		YANO, KOICHI	2,965,464		
		YANPING, LIU	2,809,709		
		YAO, JIANSHEG	2,741,333		
		YAZDANIAN, MEHRAN	2,742,790		
		YI, CHONG HUN	2,756,189		

Index of Canadian Applications Open to Public Inspection

January 28, 2018 to February 3, 2018

Index des demandes canadiennes mises à la disponibilité du public

28 janvier 2018 au 3 février 2018

1711458 ALBERTA INC.	2,985,911	BHAT, PATHANJALI N.	2,974,762	CODISPOTI, BENJAMIN	2,974,934
3MENSIO MEDICAL IMAGING B.V.	2,973,449	BINDSCHEDLER, PIERRE ETIENNE	2,971,314	COHEN, HENRIK	2,975,039
9138-4529 QUEBEC INC.	2,961,871	BIRD, ADAM	2,974,670	COLLIER, SEAN	2,975,126
A.O. SMITH (CHINA) WATER HEATER CO., LTD.	2,974,445	BLACKBERRY LIMITED	2,973,791	COMPANIA DE MINAS BUENAVENTURA	2,974,905
ABRAHAM, BIBY ESTHER	2,974,286	BLACKBERRY LIMITED	2,974,965	CONFIRM, INC.	2,975,030
ABUS AUGUST BREMICKER SOHNE KG	2,974,567	BLD SERVICES, LLC	2,974,678	CONNOLLY, BRENDAN A.	2,937,888
ACCENTURE GLOBAL SOLUTIONS LIMITED	2,973,874	BOECKNER, BARTHOLOMEW ALEXANDER	2,974,965	COOPER, JENNIFER RUTH	2,973,983
AD PRODUCTS, LLC	2,974,738	BOLTON, CHARLES LEROY	2,974,678	CORETHI, LAWRENCE A.	2,974,932
AIR VENT, INC.	2,975,098	BOMATTER, CHRISTIAN W.	2,974,119	CORETHI, LAWRENCE A.	2,974,934
AIRBUS HELICOPTERS	2,987,117	BOMATTER, CHRISTIAN W.	2,974,778	CORNESS, RYAN S.	2,974,545
AKTIEBOLAGET SKF	2,974,337	BOMBARDIER		COWLES, CHRISTOPHER JOHN	2,975,055
AL-ALUSI, THAMIR R.	2,968,584	RECREATIONAL PRODUCTS INC.	2,973,365	COWLES, CHRISTOPHER JOHN	2,975,057
ALBERTSON, KYLE PATRICK	2,942,465	BOMBARDIER		CUMMINGS, DAN C.	2,974,738
ALBRECHT, STEVEN M.	2,974,738	RECREATIONAL PRODUCTS INC.	2,974,320	CUNNEY, KIERAN PATRICK	2,974,965
ALL TIC SOLUTIONS INC	2,939,724	BORDIN, DENNIS	2,973,688	D'AMATO, MICHAEL J.	2,974,042
ANDERSON, KENNETH C	2,974,270	BOURBIAUX, BERNARD	2,974,549	DABROWSKI, TED R.	2,968,101
ANDRITZ INC.	2,974,776	BOYD, JUSTIN M.	2,975,030	DAIMLER AG	2,987,194
ANSTEY, TIMOTHY WILLIAM	2,973,844	BRACONNIER, BENJAMIN	2,974,549	DARNELL, MARK LAWRENCE	2,973,983
ARBENZ, ALICE	2,971,314	BRENCO SURFACE ENGINEERING PTY LTD.	2,975,126	DARNER, BRETT S.	2,975,246
ARREZ, CARLOS	2,973,256	BRETTON, MARCEL P.	2,974,028	DART INDUSTRIES INC.	2,973,293
ARRIGO, WENDY	2,937,780	BROCKMAN, KATHRYNE S.	2,974,042	DAVIS, MELANIE L.	2,974,037
ASNANI, C. K.	2,937,621	BROUSSEAU, CHARLES	2,937,485	DE VAAN, JAN	2,973,449
ASTLE, ROBERT A.	2,974,610	BROUSSEAU, CHARLES	2,975,212	DECHANT, JAMES	2,975,214
ASTRA CAPITAL INCORPORATED	2,975,117	BROWN, DAVID ANDREW	2,973,791	DEFLECTO, LLC	2,975,214
ATEK AUTOMATION, LLC	2,975,478	BROWN, MICHAEL V.	2,975,037	DEGOTT, DANNY DEAN	2,974,582
AUKES, JONATHAN P.	2,975,119	BROWN, WAYNE	2,937,452	DERAKHSHANDEH, BABAK	2,937,452
AUSTIN, JOHN	2,973,874	BRUMM, CHRISTOPHER	2,937,669	DIMMICK, RAQUEL MARIE	2,974,898
AVEROUS, LUC	2,971,314	BRYANT, CODY STEPHEN	2,974,965	DION, FRANCOIS	2,961,871
BACCELLI, IRENE	2,937,896	BUILDING MATERIALS INVESTMENT CORPORATION	2,970,184	DOAK, WILLIAM	2,975,037
BACHHAL, SUKHJIR SINGH	2,934,386	BUSH, JOHN	2,973,844	DOLAR, RONALD E.	2,974,738
BADESHA, SANTOKH S.	2,974,258	CAHILL, RYAN	2,975,030	DOMETIC SWEDEN AB	2,942,465
BAIDEN, GREGORY	2,975,094	CAI, MAOHU	2,974,445	DOREGO, STEVE	2,973,365
BARDELL, TIMOTHY W.	2,974,738	CAMPBELL, CHRIS	2,974,670	DREAMWELL, LTD.	2,974,761
BAREA, HECTOR J.	2,973,293	CAMPBELL, SEAN P.	2,986,338	DU, XAN VY	2,974,646
BARNES, AARON NEIL	2,974,759	CANADIAN ENERGY SERVICES L.P.	2,974,898	DUMAS, FLORIAN	2,973,869
BAUMANN, MICHAEL	2,974,337	CAPITAL ONE SERVICES, LLC	2,975,044	DUONG, HIEN	2,964,988
BAYERL, WILHELM	2,975,136	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,971,314	DUQUE, LUIS	2,970,184
BAYERL, WILHELM	2,975,327	CHEN, JIAN GUO	2,974,289	EATON CORPORATION	2,974,008
BEAUCHEMIN, ROBIN	2,974,320	CHENG, XU	2,972,626	EATON CORPORATION	2,974,289
BENALI, MEJDA	2,939,724	CHOPRA, NAVEEN	2,974,028	EL-CHAKIEH, STEPHANIE SE	2,937,475
BENDIX SPICER FOUNDATION BRAKE LLC	2,975,246	CIORANIC, MIHAI	2,974,670	ELLIOTT, GRANT ROSS	2,974,965
BENNET, CYRIL	2,975,214	CLACK, JUSTIN	2,973,683	EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC.	2,972,626
BENNETT, MIKE J.	2,937,252	CLAVEAU, JUSTINE	2,971,904	ENVIRONMENTAL REFUELLING SYSTEMS INC.	2,937,485
BENSEBAA, FARID	2,939,724	CLOUTIER, FRANCIS	2,973,365	ENVIRONMENTAL REFUELLING SYSTEMS INC.	2,975,212
BENTWOOD, MICHAEL	2,974,429	CODISPOTI, BENJAMIN	2,974,932	ERNST, KENNETH A.	2,937,888
BEOUTIS, PERCY PONCE	2,974,905			EWANCHUK, ANDREW JOHN	2,973,791
BERNYK, DEREK	2,974,646				
BERTHELETTE, MIGUEL	2,973,365				

**Index of Canadian Applications Open to Public Inspection
January 28, 2018 to February 3, 2018**

FARRINGTON, SIMON	2,987,194	HENDERSON, GEORGE R.	2,973,983	L. & P PROPERTY	
FIGARD, MICHAEL ERIC	2,973,983	HINDS, ORLAND J.	2,973,027	MANAGEMENT	
FISH GUIDANCE SYSTEMS		HOFMANN, MATTHIAS	2,974,337	COMPANY	2,974,695
LTD	2,974,315	HOFUNG, WEIZHONG	2,937,479	L. & P PROPERTY	
FISHER, BRYAN	2,974,646	HOLLAND, ROBERT B.	2,975,098	MANAGEMENT	
FITZPATRICK, JUDITH	2,963,754	HONEY BEE		COMPANY	2,974,705
FLIP FLOP FONE	2,937,474	MANUFACTURING LTD.	2,937,639	LABBEE, JONATHAN	2,974,746
FLUID ENERGY GROUP LTD.	2,937,490	HONEY, GLENN	2,937,639	LABBEE, MATTHIAS	2,974,746
FLUID ENERGY GROUP LTD.	2,974,757	HONEYWELL		LADNER, JIMMY DALE	2,974,678
FOLEY, PATRICK	2,975,214	INTERNATIONAL INC.	2,974,762	LAFONTAINE BERGER,	
FOLLET, JESSE IAN	2,966,182	HONEYWELL		STEPHANE	2,937,443
FORD MOTOR COMPANY	2,987,194	INTERNATIONAL INC.	2,975,283	LAFONTAINE BERGER,	
FOREVER CHEER		HONEYWELL		STEPHANE	2,974,739
INTERNATIONAL		INTERNATIONAL INC.	2,975,286	LAHMANN, JOHN ANTHONY	2,975,478
LIMITED	2,973,033	HOPFER, JONAS	2,974,431	LAM, SIMON SAI-MING	2,972,716
FORREST, PAUL BRADLEY	2,974,723	HU, NAN-XING	2,974,028	LAPOINTE, ALEXANDRE	2,973,365
FOUZAR, YUCEF	2,939,724	HU, NAN-XING	2,974,286	LARUE, CLAYTON T.	2,974,824
FRANKE TECHNOLOGY AND		HUA & YI (SHANGHAI) CO.,		LAURICHESSE, STEPHANIE	2,971,314
TRADEMARK LTD.	2,974,119	LTD	2,941,138	LAWSON, GREGORY MARK	2,974,130
FRANKE TECHNOLOGY AND		HUBERT, PIERRE-JULIEN	2,987,117	LAWSON, GREGORY MARK	2,974,695
TRADEMARK LTD.	2,974,778	HUCK, KENNETH W.	2,975,119	LAWSON, GREGORY MARK	2,974,705
FRASURE, DAVID W.	2,974,932	HUCKABAY, RONALD J.	2,937,254	LAWTON, DAVID J.W.	2,974,037
FRASURE, DAVID W.	2,974,934	I.G. S.R.L.	2,975,029	LEDUC, SIMON	2,937,638
FREEMAN, GAVIN KERRY		IFP ENERGIES NOUVELLES	2,974,549	LEE, DENVER	2,974,541
WYLLIE	2,937,452	INDIAN RARE EARTHS		LEE, FRANK PING HAY	2,974,042
FREVILLE, NICHOLAS DAVID	2,973,985	LIMITED	2,937,621	LEPIC, JARED DANIEL	2,974,965
FRY, KEVIN D.	2,965,416	INNES, ROGER A.	2,966,747	LETNEY, GORDON EDWARD	2,973,844
GAGNON, YAN	2,961,871	INTERNATIONAL DOOR		LEVATIE, RONELL	2,937,473
GARTNER, ROBERT	2,975,039	CLOSERS, INC.	2,974,582	LEWIS, MELISSA H.	2,971,432
GARYALI, AMIT	2,937,779	ISOMURA, KEISUKE	2,975,053	LIANG, BAILIN	2,974,851
GASTON, GLOCK	2,937,445	JACOBS, DREW	2,975,044	LIFETIME PRODUCTS, INC.	2,974,610
GAVANIER, PIERRE	2,987,117	JAMIESON, ALEXANDER		LIN, CHENYU	2,974,258
GE AVIATION SYSTEMS LLC	2,973,983	DAVID	2,937,490	LINDE	
GE AVIATION SYSTEMS LLC	2,973,984	JAMIESON, ALEXANDER		AKTIENGESELLSCHAFT	2,975,055
GE AVIATION SYSTEMS LLC	2,973,985	DAVID	2,974,757	LINDE	
GENERAL ELECTRIC		JANARDHANAN, SHAIJU	2,975,286	AKTIENGESELLSCHAFT	2,975,057
TECHNOLOGY GMBH	2,973,987	JARVO, JAMES ROBERT	2,972,716	LINDE	
GERBER, JOHN A.	2,966,747	JCI CYCLONIC		AKTIENGESELLSCHAFT	2,975,136
GIROUD, NELLY	2,973,854	TECHNOLOGIES LTD.	2,937,888	LINDE	
GOMEZ, CLARA	2,937,452	JIN, SHUOHONG	2,974,445	AKTIENGESELLSCHAFT	2,975,327
GONCALVES, FERNANDO	2,975,037	JOHNSTON, PETER T.	2,974,750	LUO, JIANJUN	2,973,293
GOSSELIN, NICOLAS	2,974,746	JOSHI, SHARAD H.	2,974,429	LUSCHEI, KEVIN JAMES	2,973,844
GRAFSTROM, ROGER J.	2,974,545	JOUHIKAINEN, HANNES	2,975,044	LUX, ANDREAS	2,974,431
GREEN, DANNY	2,974,610	JUNAID, ABU SALEH		MAGNUSON, STEVE	2,973,844
GREEN, MATTHEW J.	2,937,888	MUHAMMAD	2,937,452	MAIER, TOBIAS	2,974,119
GREEN, SHARON ANN	2,973,983	K&N ENGINEERING, INC.	2,975,141	MAIER, TOBIAS	2,974,778
GREGG, CHRISTOPHER	2,974,854	KANABAR, MITALKUMAR G.	2,973,987	MANAHAN, JOSEPH M.	2,974,008
GRIFFIN, GRAYSON M.	2,975,098	KANDZIORA, CHRISTINE	2,975,327	MARSHALL, RUSSELL D.	2,974,738
GUILLEMETTE, JEAN	2,974,320	KANUNGO, MANDAKINI	2,974,258	MASCO CANADA LIMITED	2,974,646
GUPTA, ASHISH	2,974,541	KARMIRE'S, PHILIPP	2,975,327	MATHESON, TIMOTHY	
GUTHRIIDGE, GREGORY	2,973,874	KEARL, JACOB	2,974,610	MICHAEL	2,974,678
HALLMARK CARDS,		KIDDE TECHNOLOGIES, INC.	2,974,932	MCALPINE & CO. LTD.	2,972,955
INCORPORATED	2,973,562	KIDDE TECHNOLOGIES, INC.	2,974,934	MCALPINE, JAMES EDWARD	2,972,955
HAMOUR, IHAB	2,973,987	KILE, KEVIN J.	2,937,624	MCALPINE, ROBERT	
HANNIGAN, SEAN	2,937,485	KIM, SO YOUNG	2,973,983	GEMMELL	2,972,955
HANNIGAN, SEAN	2,975,212	KLAMUT, ANDREW JOSEPH	2,974,965	MCCARTNEY, TIMOTHY J.	2,966,747
HARPER, LEE GLENN	2,937,639	KLEINE-KONIG, BENEDICT	2,974,431	MCEWEN, JOHN G. E.	2,974,898
HARRO HOFLOGGER		KOCKEN, MORLEY E.	2,937,888	MCGRATH, SEAMUS T.	2,966,747
VERPACKUNGSMASCHINEN		KOOZEHKANANITOBATI,		MCKENDRICK,	
GMBH	2,974,431	ARASH AK	2,937,650	CHRISTOPHER	2,972,955
HEAD, BOBBY G.	2,974,738	KRAMER, KENNETH	2,974,761	MEGANA THAN, DEEPAK	
HEATH, RICHARD E.	2,968,136	L. & P PROPERTY		SUNDAR	2,975,283
HEBERT, LEONARD J.	2,966,182	MANAGEMENT		MEL PING	2,974,286
HEIL, PETER	2,973,449	COMPANY	2,974,130	MERCIER, CHRISTIAN	2,987,117

**Index des demandes canadiennes mises à la disponibilité du public
28 janvier 2018 au 3 février 2018**

MERZ, FRIEDRICH	2,976,539	PROTERRA INC.	2,966,747	SONG, GUIQIN	2,974,286
METZ, DARRELL	2,974,761	PROVOST, GABRIEL	2,974,320	SOPREMA	2,971,314
MEUNIER, GABRIEL	2,972,727	PURDY, CLAY	2,937,490	SPOERING, GARY J.	2,974,921
MEYERS, CLAYTON HENDRY	2,942,465	PURDY, CLAY	2,974,757	STANDARD, ADAM WAYNE	2,975,037
MICROLINE SURGICAL, INC.	2,974,429	PURI, RONESEI	2,973,791	STAUDER, FRANK	2,974,646
MISHRA, BIGHNA RAJ	2,937,621	PYLE, JOHN PAUL	2,975,131	STUART, CHRISTOPHER	2,975,214
MISHRA, PROMOD KUMAR	2,937,621	QI, YU	2,974,258	SULESKY, WILLIAM A.	2,975,113
MITCHELL, PAT	2,937,669	QIU, SHAO DONG	2,941,138	SUNG, SIHO	2,974,582
MITCHELL, TIMOTHY	2,973,844	QIU, SHI GANG	2,974,042	SUNRISE WINDOWS, LLC	2,974,921
MOFFAT, KAREN A.	2,974,037	QUILLIEN, BERNARD	2,937,612	SURIYAARACHCHI, RAVIENDRA S.	2,968,136
MOHANTY, DHIRENDRA	2,937,621	RAILKAR, SUDHIR	2,970,184	SWISSLOG LOGISTICS, INC.	2,937,669
MOKHTARI, YASSINE	2,939,724	RAMANKUTTY, MOHAN	2,937,669	SZEKELY, KENNETH	2,975,117
MONIZ, MICHAEL	2,974,429	RAMJI, DARSHNA	2,937,779	TAFT, KEVIN H.	2,974,258
MONSANTO TECHNOLOGY LLC	2,974,824	RANCOURT, JEROME	2,961,871	TAYLOR, JESSE WADE	2,974,008
MOORE, MICHAEL	2,937,780	RAO, RANJIT R.	2,972,626	TERRILL, MARK T., JR.	2,973,293
MORALES-TIRADO, JUAN A.	2,974,037	RAVAGLIA, PAOLO	2,975,029	THACKER, COREY M.	2,968,101
MORI, WALTER	2,974,589	RAWLS, LINDSAY BRANDINO	2,974,776	THE BOEING COMPANY	2,966,182
MUESCH, MICHAEL R.	2,975,030	REAM, JOEL E.	2,974,824	THE BOEING COMPANY	2,968,101
MURAHARI, SAIVARAPRASAD	2,974,289	REDDY, PADIRA	2,974,541	THE BOEING COMPANY	2,968,136
MYSLIWIEC, EMILIE	2,973,854	REYNARD, BRUNO	2,973,854	THE BOEING COMPANY	2,968,584
NABORS DRILLING TECHNOLOGIES USA, INC.	2,974,541	REYNARD, BRUNO	2,973,869	THE BOEING COMPANY	2,971,432
NABZAR, LAHCEN	2,974,549	REYNOLDS, STEVE	2,975,126	THE BOEING COMPANY	2,973,844
NATIONAL OILWELL VARCO, I.P.	2,937,392	RICCI, THOMAS TREVOR	2,972,716	THE RAYMOND CORPORATION	2,975,037
NEDWELL, JEREMY ROSS	2,974,315	RICHARDSON, JACKIE	2,974,940	THOR, DAVID	2,975,030
NEESER, ROLF	2,974,119	ROBAK, GLEN D.	2,973,496	TIERCON CORP.	2,974,670
NEESER, ROLF	2,974,778	RODGERS, DANIELLE N.	2,975,214	TIPTON, RODNEY	2,937,669
NEUROSERVO INC.	2,974,525	RODRIGUEZ, RAPHAEL A.	2,975,030	TIZZOTTI, MORGAN	2,937,612
OCEGUEDA GALLAGA, VICTOR HUGO	2,974,851	ROGERS, TRAVIS ALLEN	2,975,478	TODD, DONALD LOVELESS	2,974,723
OHNSTROM, ROLF J.	2,974,921	ROGERS, WALTER CLARK, JR.	2,974,695	TOLSON, JAY STEWART	2,975,478
OLSEN, ERIC	2,974,610	ROGERS, WALTER CLARK, JR.	2,974,705	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,975,053
OVENS, NORMAN LEONARD	2,973,983	ROSS, JERRY D.	2,973,027	TRAPANI, JACOB	2,974,678
PALMER, CLIFTON	2,974,676	ROSS, STEPHEN C.	2,973,027	TRAVERS, NICOLAS	2,973,869
PALO ALTO RESEARCH CENTER INCORPORATED	2,974,286	ROTHENBERGER, RICHARD E.	2,974,008	TREMBLAY, NICOLAS	2,974,525
PARKER, ERIK M.	2,973,496	RUDLOFF, MATHIEU	2,973,869	TRINITY INDUSTRIES, INC.	2,975,119
PATRA, R. N.	2,937,621	SAMBHY, VARUN	2,974,037	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2,973,683
PENGUIN AUTOMATED SYSTEMS INC.	2,975,094	SAND, KETIH	2,985,911	TURNER, COLE DAVID	2,974,679
PERKINS MANUFACTURING CO.	2,973,256	SANGSTER, RICK	2,974,589	TWL, LLC	2,974,723
PERRIN, REMI	2,971,314	SAPA AS	2,974,641	UNIVERSITE DE MONTREAL	2,937,896
PHANSOPKAR, ZEESHAN	2,975,246	SARGENT MANUFACTURING COMPANY	2,974,589	UNIVERSITE DE STRASBOURG	2,971,314
PINTO, PETER S.	2,960,510	SAUVAGEAU, GUY	2,937,896	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,974,854
PJ TRAILERS, INC.	2,974,759	SAVAGE, LARRY L.	2,968,101	UNKNOWN	2,937,474
PLANTAN, RONALD S.	2,975,246	SC ASSET CORPORATION	2,986,338	URETEN, TINA	2,937,789
PLENGE, GUSTAVO	2,974,905	SCARIA, NIKHIL	2,975,286	VAN VLIET, SCOTT M.	2,937,485
POLYGROUP MACAU LIMITED (BVI)	2,974,851	SCARLATA, ANDREW FRANCIS	2,974,008	VAN VLIET, SCOTT M.	2,975,212
PRATT & WHITNEY CANADA CORP.	2,964,988	SCC, INC.	2,960,510	VANDEMARK, ZACHARIAH BEACH	2,966,182
PRATT & WHITNEY CANADA CORP.	2,972,716	SCHIMKE, SCOTT A.	2,973,562	VANDROUX, OLIVIER	2,973,854
PRATT & WHITNEY CANADA CORP.	2,972,727	SHAH, KEYUR M.	2,966,747	VBSA	2,974,978
PREUX, CHRISTOPHE	2,974,549	SHARIFF, AABID	2,974,824	VEENSTRA, CHRISTIAN NEIL	2,937,452
PROGRESS PROFILES SPA	2,973,688	SHAW, PAUL D.	2,968,136	VEETIL, HERMANTH PADIKKAL	2,975,286
PROLIFIC EARTH SCIENCES CORPORATION	2,963,754	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,937,452	VIENS, NICOLE	2,975,030
		SHIAO, MING-LIANG	2,970,184	VIOLA, CEDRIC	2,974,978
		SHIVASHANKARA, BELUR N.	2,966,182	VOLTA AIR TECHNOLOGY INC.	2,974,750
		SHOP VAC CORPORATION	2,965,416	WALDNER, JAMIE	2,975,218
		SIEMENS SCHWEIZ AG	2,975,039		
		SIGMAN, GREG	2,975,037		
		SNF SAS	2,937,612		
		SONG, GUIQIN	2,974,028		

**Index of Canadian Applications Open to Public Inspection
January 28, 2018 to February 3, 2018**

WALL, JERE J.	2,975,141
WALLACE, STEVEN	2,974,932
WALLACE, STEVEN	2,974,934
WALSH, JOHN H.	2,974,921
WANG, GUOQING	2,937,477
WANG, ROBIN	2,975,214
WEBSTER, SCOTT ELLIOTT	2,937,452
WEHR, MICHEL	2,974,567
WEISSENBERGER, MARKUS	2,937,490
WEISSENBERGER, MARKUS	2,974,757
WEYERHAEUSER NR COMPANY	2,973,496
WHALEN, RICHARD J.	2,972,626
WHELAN, JOHN DESMOND	2,971,432
WHITING, GREGORY	2,974,286
WICKSTROM, VICTOR A.	2,937,891
WILH. SCHLECHTENDAHN. & SOHNE GMBH & CO. KG (WSS)	2,974,641
WILLIAMS, MICHAEL R.G.	2,937,781
WILLIAMS, STEVE	2,975,141
WINTER EQUIPMENT COMPANY, INC.	2,975,113
WINTER, KENT	2,975,113
WINTEROWD, JACK	2,973,496
WOLF, MARK E.	2,937,392
WONG, CARSON	2,973,874
WOODALL, JEFFREY	2,974,761
XEROX CORPORATION	2,974,028
XEROX CORPORATION	2,974,037
XEROX CORPORATION	2,974,042
XEROX CORPORATION	2,974,258
XEROX CORPORATION	2,974,286
YEH, KEVIN	2,973,984
ZACCARIA, GIOVANNI	2,974,641
ZAERI, SAEED	2,974,750
ZHANG, YUANJI	2,974,824
ZHOU, HONGZHI	2,974,289
ZHOU, XIAOWEI	2,974,445
ZHOU, XUEFENG	2,974,824
ZHUO, MIN	2,973,033
ZODIAC AEROTECHNICS	2,973,854
ZODIAC AEROTECHNICS	2,973,869

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

10353744 CANADA LTD.	2,993,024	AFTON CHEMICAL		ALTHOFF, CHARLES PETER	2,990,187
10353744 CANADA LTD.	2,993,027	CORPORATION	2,991,782	ALTINTAS, ISIL	2,992,380
10353744 CANADA LTD.	2,993,030	AFTON CHEMICAL		ALTONEN, GENE MICHAEL	2,992,486
10353744 CANADA LTD.	2,993,032	CORPORATION	2,991,787	ALUR, HEMANT H.	2,993,012
10353744 CANADA LTD.	2,993,034	AFTON CHEMICAL		ALVEY, JOHN D.	2,991,948
10353744 CANADA LTD.	2,993,049	CORPORATION	2,991,788	AM TECHNOLOGY LIMITED	2,990,754
10353744 CANADA LTD.	2,993,051	AGAPIOU, KYRIACOS	2,992,553	AMANN, MARIA	2,992,863
10353744 CANADA LTD.	2,993,052	AGILEX FLAVORS &		AMANN, MARIA	2,992,900
10353744 CANADA LTD.	2,993,057	FRAGRANCES, INC.	2,992,601	AMANS, DOMINIQUE	2,986,199
10353744 CANADA LTD.	2,993,059	AGRI ADVANCED		AMAZON TECHNOLOGIES,	
3M INNOVATIVE PROPERTIES		TECHNOLOGIES GMBH	2,991,603	INC.	2,990,018
COMPANY	2,991,489	AGUSTIN, MACIA BARBER	2,992,368	AMAZON TECHNOLOGIES,	
3M INNOVATIVE PROPERTIES		AHLQUIST, DAVID A.	2,992,790	INC.	2,990,735
COMPANY	2,991,762	AHMADI, FARHANA HASSAN		AMBRECHT, ADAM	2,992,585
3M INNOVATIVE PROPERTIES		MOHAMMAD KAZEM	2,992,803	AMENDT, DAVID V.	2,992,841
COMPANY	2,992,203	AHN, KYUNG SEOP	2,985,778	AMGEN INC.	2,991,672
3M INNOVATIVE PROPERTIES		AHITCHI-ALI, BADREDDINE	2,992,505	AMGEN RESEARCH	
COMPANY	2,992,727	AIKAWA, YOSHIHIRO	2,992,541	(MUNICH) GMBH	2,991,607
3RT HOLDING PTY LTD	2,992,489	AIPERSPACH, WOLFGANG	2,992,644	AMGEN RESEARCH	
A.V.K. CARBO-BOND, INC.	2,992,745	AIRBUS DEFENCE AND		(MUNICH) GMBH	2,991,672
AABYE, CHRISTIAN	2,989,940	SPACE GMBH	2,992,344	AMIGHI, KARIM	2,992,356
AB-BIOTICS, S.A.	2,992,354	AKAMARA THERAPEUTICS,		AMO WAVEFRONT SCIENCES	
ABATZOGLOU, NICOLAS	2,991,801	INC.	2,986,358	LLC	2,991,484
ABBOTT DIABETES CARE		AKIMOTO, KENSAKU	2,992,830	AMUNDSON, KURT	2,992,738
INC.	2,991,716	AKINPELU, ADEOLA AKEEM	2,991,511	ANAND, AJITH	2,992,488
ABBVIE INC.	2,992,722	AL-YOUSEF, ALI, ABDULLAH	2,991,771	ANCRA INTERNATIONAL LLC	2,992,564
ABIDEMI, BUKOLA SAHEED	2,991,511	ALANINE, ALEXANDER	2,992,926	ANDERER, SIMON	2,989,911
ABL IP HOLDING LLC	2,992,590	ALBATROSS TECHNOLOGIES		ANDERSEN, RACHMILLA	
ABL IP HOLDING LLC	2,992,887	LIMITED	2,985,502	SOUHOKA	2,992,905
ABOUELLEIL, ASHRAF	2,993,043	ALBERT, VICTOR V.	2,993,006	ANDERSON, NIAL ANDREW	2,986,102
ABRA, ROBERT MALCOLM	2,992,724	ALBRECHT, ROBERT		ANDREWS, JOHN-ROSS	2,993,007
ACADIA PHARMACEUTICALS		MANFRED	2,989,924	ANDREWS, STEPHEN MARKS	2,992,593
INC.	2,992,728	ALDA, ELENA	2,992,257	ANDREWS, STEVEN W.	2,992,586
ACKERMANN, STEFFEN	2,992,588	ALDAG, INGO	2,992,918	ANGIOCRINE BIOSCIENCE,	
ADAMA AGAN LTD.	2,992,813	ALFORD, ROB	2,991,754	INC.	2,993,014
ADAMCZYK, ANDRZEJ	2,992,962	ALIGN TECHNOLOGY, INC.	2,989,987	ANGIOCRINE BIOSCIENCE,	
ADAMI, ROGER	2,992,849	ALLAM, RODNEY J.	2,992,428	INC.	2,993,015
ADAMS, CHAD E.	2,992,285	ALLAWI, HATIM T.	2,992,790	ANGOLD, RUSSDON	2,992,738
ADAMS, CHANGQING WANG	2,992,141	ALLELY, CHRISTIAN	2,990,366	ANLAHR, JONAS	2,991,672
ADEKA CORPORATION	2,992,830	ALLELY, CHRISTIAN	2,991,548	AO, ZIHUA	2,991,944
ADISSEO FRANCE SAS	2,992,148	ALLELY, CHRISTIAN	2,991,549	AO, ZIHUA	2,991,948
ADLEFIO, ALESSANDRO	2,992,378	ALLEN, DIWIL	2,990,638	AOKI, MOTONOBU	2,992,687
ADLEFIO, ALESSANDRO	2,992,382	ALLERGAN, INC.	2,991,767	APERAM	2,992,271
ADLER, GERALD D.	2,992,259	ALLERGAN, INC.	2,992,660	APEX INDUSTRIAL	
ADLER, GERALD D.	2,992,267	ALLERGAN, INC.	2,992,662	TECHNOLOGIES LLC	2,992,617
ADLER, GERALD D.	2,992,269	ALLERGAN, INC.	2,992,788	APRESLABS LTD	2,991,679
ADLER, GERALD D.	2,992,270	ALLIANCE	2,991,283	AQUA TRU, LLC	2,992,302
ADLER, ROBERT	2,992,959	ALLOSOURCE	2,992,594	AQUILON ENERGY	
ADMINISTRACION GENERAL		ALMANSA-ROSALES,		SERVICES, INC.	2,991,793
DE LA COMUNIDAD		CARMEN	2,991,937	ARAI, YUKI	2,958,965
AUTONOMA DE		ALMANSA-ROSALES,		ARAKI, KIMINORI	2,992,693
EUSKADI	2,991,586	CARMEN	2,992,054	ARAKI, KIMINORI	2,992,696
AFFIRIS AG	2,991,544	ALONSO ZAPIRAIN, INES	2,991,597	ARCELORMITTAL	2,985,941
AFTON CHEMICAL		ALPERT, ORTAL	2,992,681	ARCELORMITTAL	2,990,356
CORPORATION	2,991,769	ALPHANDERY, EDOUARD	2,985,163	ARCELORMITTAL	2,990,366
		ALTERGON S.A.	2,986,095	ARCELORMITTAL	2,991,548

Index of PCT Applications Entering the National Phase

ARCELORMITTAL	2,991,549	BAKEMA, PETER	2,993,020	BEECHEM, JOSEPH M.	2,992,480
ARCONIC INC.	2,992,151	BAKER, DANIEL J.	2,990,875	BEECHEM, JOSEPH M.	2,992,492
ARIDMAN, AVRAHAM	2,990,136	BAKER, TIM	2,992,388	BEEHARRY, NEIL	2,991,779
ARES GENETICS GMBH	2,991,666	BALCIUNAS, MINDAUGAS	2,991,001	BEELOO, EDWARD	2,992,876
ARES GENETICS GMBH	2,991,670	BALDUIN, MICHAEL	2,992,391	BEER, JEFFREY SCOTT	2,991,585
ARES GENETICS GMBH	2,991,671	BANDLA, SUDHIER	2,992,669	BEHRINGER, DIRK M.	2,992,375
ARES GENETICS GMBH	2,992,795	BANDLA, SUDHIER	2,992,816	BEIROOZ, ALI	2,990,155
ARES GENETICS GMBH	2,992,828	BANDYOPADHYAY, DEEPAK	2,986,102	BEIGNET, JULIEN	2,992,926
ARES TRADING S.A.	2,991,798	BANKAR, MANISH M.	2,992,107	BEISEL, JOSEPH A.	2,991,701
ARES TRADING S.A.	2,991,800	BANUS, CHRISTOPHER T.	2,991,915	BEISEL, JOSEPH A.	2,992,013
ARMBRISTER, CLARENCE	2,991,575	BARANOWSKI, NORBERT	2,992,806	BEISEL, JOSEPH A.	2,992,014
ARNETT, BENJAMIN SCOTT	2,992,438	BARBIER, JENNY	2,992,810	BEKE, LIJS	2,992,688
ARRAY BIOPHARMA, INC.	2,992,586	BARENBOYM, MICHAEL	2,992,854	BELANGER, CORALIE	2,992,509
ASERIN, ABRAHAM	2,990,941	BARETTE, CAROLINE	2,992,373	BELL, FRANK	2,991,751
ASGARZADEH, FIROUZ	2,986,188	BARIK, SMRUTI PRAKASH	2,992,019	BELLEMORE, DAVID	2,992,876
ASGERSSON, ASGER	2,992,821	BARKER, CARL DAVID	2,992,962	BENGT I. SAMUELSSON	
ASHIKAWA, HIROKAZU	2,958,965	BARKER, KENNETH		INSTITUTE OF LIFE	
ASHRAF, ARMAN	2,992,031	FREDERICK MILES	2,990,332	SCIENCE RESEARCH	2,992,315
ASHRAF, ARMAN	2,992,032	BARKER, MICHAEL DAVID	2,986,199	BENSE, WILLIAM	2,992,667
ASK CHEMICALS, L.P.	2,992,848	BARNES, ASHLEY	2,990,751	BENSUSSAN, ARMAND	2,991,469
ASML NETHERLANDS B.V.	2,992,804	BARRETT, CAROLYN	2,992,594	BERENSON, JAMES RICHARD	2,992,557
ASMUS, KATHARIN	2,992,722	BARRITAU, DENIS	2,992,899	BERG L.C.	2,992,611
ASSISTANCE PUBLIQUE- HOPITAUX DE PARIS (AHP)	2,991,469	BARUCH, KUTI	2,991,981	BERGER, STEFAN	2,992,798
AST, OLIVER	2,992,797	BARVE, HRUSHIKESH ARUN	2,992,567	BERGSTRASSER, RALF	2,992,172
ASTETE, CARLOS E.	2,992,879	BASF CORPORATION	2,990,427	BERKES, EVA A.	2,991,990
ASURAGEN, INC.	2,992,616	BASF SE	2,991,802	BERMAN, RAN	2,992,827
ATANASSOV, KALIN MITKOV	2,992,598	BASF SE	2,992,146	BERNARDONI, MASSIMO	2,990,754
ATAPATTU, LAKMALI	2,992,811	BASF SE	2,992,345	BERNAUDIN, MYRIAM	2,992,899
ATKINSON, STEPHEN JOHN	2,986,199	BASF SE	2,992,593	BERNDT, SANDRA	2,990,411
ATTERO RECYCLING PVT. LTD.	2,992,019	BASS, STEVEN HENRY	2,992,488	BERNER, MARKUS	2,991,659
ATTREE, INA	2,992,373	BASSI, HIERALAL	2,986,358	BERNSTEIN, DANIEL MILFRED	2,991,716
AUPETIT, THIERRY	2,992,657	BASTOS DA SILVA, MIGUEL ANTONIO	2,990,884	BERREZAG, AMIR	2,991,676
AURIGENE DISCOVERY TECHNOLOGIES LIMITED	2,992,406	BATONNET, REMY	2,992,271	BERRON, NICOLAS	2,992,591
AURIGENE DISCOVERY TECHNOLOGIES LIMITED	2,992,408	BATTLE MEMORIAL INSTITUTE	2,988,711	BERRY, JAMES	2,991,470
AURORA LABS PTY LTD	2,990,254	BAUDIN, THIERRY	2,992,271	BERSETH, CAROL LYNN	2,991,944
AVENT, INC.	2,992,974	BAUER, ECKHARD	2,991,536	BERSETH, CAROL LYNN	2,991,948
AVENT, INC.	2,992,977	BAULDREE, KENNETH	2,993,037	BERSKIENE, KRISTINA	2,991,001
AXLR SAT DU LANGUEDOC ROUSSILLON	2,992,591	BAUMGARDNER, GAYLON L.	2,992,496	BERTAIN, SEAN M.	2,992,488
AXOVANT SCIENCES GMBH	2,992,518	BAYER CROPSCIENCE	2,992,955	BERTHOLIN, STEPHANE	2,992,691
AYIRALA, SUBHASH, CHANDRABOSE	2,991,771	AKTIENGESELLSCHAFT		BESSELING, TOM	2,992,813
B/E AEROSPACE, INC.	2,992,010	BAYER PHARMA	2,992,300	BETTIOL, JEAN-LUC PHILIPPE	2,992,147
BACAC, MARINA	2,992,797	AKTIENGESELLSCHAFT	2,990,411	BEYLIN, SIMON	2,992,454
BACH, FERDINAND	2,992,375	BAYER PHARMA	2,992,364	BEYON 3D LTD	2,992,827
BACKES, CHRISTINA	2,991,666	AKTIENGESELLSCHAFT	2,992,960	BIHARAT BIOTECH INTERNATIONAL LIMITED	2,992,531
BACKES, CHRISTINA	2,991,670	BAYER PHARMA	2,992,398	BIEDERMAN, SCOTT W.	2,992,604
BACKES, CHRISTINA	2,991,671	AKTIENGESELLSCHAFT	2,992,960	BIFIR, JEAN-CLAUDE	2,991,283
BACKES, CHRISTINA	2,992,795	BAYER, HERBERT	2,992,356	BILHE, PASCAL FABRICE	2,991,435
BACKES, CHRISTINA	2,992,828	BE PHARCEL MANUFACTURING	2,992,896	BILLERUDKORSNAS AB	2,990,156
BAE, DAEKWON	2,985,769	BEAN, CHARLES ALFRED	2,992,662	BINDSEIL, GERON ANDRE	2,992,163
BAETICA, FLORIN	2,991,657	BEARD, RICHARD L.	2,992,619	BIOMET 3I, LLC	2,992,743
BAGOT, MARTINE	2,991,469	BEASLEY, TERRY L.	2,992,793	BIOMET DEUTSCHLAND GMBH	2,992,806
BAI, GUOXING	2,992,914	BECKETT, JASON CHRISTOPHER	2,991,779	BIRTELE, ANDREA	2,992,668
BAIK, CHUL	2,985,167	BECKETT, PAUL	2,992,345	BIRZER, BERNHARD	2,992,958
BAILEY, THOMAS F.	2,993,003	BECKMANN, EBERHARD	2,992,034	BITDEFENDER IPR MANAGEMENT LTD	2,990,313
BAILIS, JULIE	2,991,672	BECTON, DICKINSON AND COMPANY	2,989,301	BITDEFENDER IPR MANAGEMENT LTD	2,990,343
BAIN, DUNCAN	2,990,120	BEDNARSKI, LUKASZ	2,992,551	BITOUN, PIERRE	2,991,731
BAKALETZ, LAUREN O.	2,993,009	BEIDOYA, FELIPE		BLACK CAT BLADES LTD.	2,992,716
				BLACK, D. JEFFREY	2,992,430

Index des demandes PCT entrant en phase nationale

BLACK, D. JEFFREY	2,992,433	BORELLI, GIANLUCA	2,990,405	BUKIN, MICHAEL	2,992,569
BLACK, D. JEFFREY	2,992,435	BORELLI, LUISA	2,968,809	BULAT, GHENADIE	2,991,947
BLACK, LANCE MICHAEL	2,992,322	BORGES ROCHA, LUIS		BULKLEY, ROSS V.	2,992,579
BLACK, LANCE MICHAEL	2,992,546	GABRIEL	2,985,187	BULL, MARINA KATELYN	2,992,594
BLACK, MARK A.	2,992,590	BORRAS SERRAS,		BULLOCH, RAYFORD H.	2,992,753
BLACK, MARK A.	2,992,887	FRANCISCO ENRIQUE	2,992,639	BURKE, JOHN	2,992,500
BLACKBERRY LIMITED	2,992,793	BOSHUIZEN, JULIA	2,991,805	BURTON, LOUIS EUGENE	2,991,470
BLACKHAWK NETWORK, INC.	2,990,011	BOSMAN, SCOTT ANTHONY	2,961,846	BUSETTI, SETH	2,992,841
BLAISDELL, THOMAS P.	2,992,839	BOSSE-DOENECKE, EVA	2,991,814	BUTLER, STEPHEN DAVID	2,989,476
BLAKE, JAMES F.	2,992,586	BOSTIK SA	2,992,108	BUTTNER, DANIEL	2,991,676
BLANCHERMAIN, NICOLAS	2,991,000	BOSTON SCIENTIFIC SCIMED, INC.	2,992,854	BUTZIGER, JOHN M.	2,992,455
BLANCHETTE, SARAH F.	2,992,789	BOSWORTH, CHARLES F.	2,991,767	BUYTAERT, JEAN	2,992,656
BLANCHY, DAMIEN	2,991,237	BOTT, FRANZISKA	2,991,607	BVW HOLDING AG	2,992,725
BLASBERG, STACY L.	2,990,019	BOU HAMDAN, FARHAN	2,992,885	BYUN, HAN-YEUL	2,990,370
BLEHM, COLIN	2,992,856	BOUCARD, CATHERINE	2,989,985	CABILLI, ALBERTO	2,968,809
BLEICHER, KONRAD	2,992,926	BOUCHE, TIMOTHY JOSEPH	2,961,846	CABOT CORPORATION	2,992,259
BLINXEL PTY LTD	2,992,304	BOUDIER, ANDREAS PHILIPP	2,992,728	CABOT CORPORATION	2,992,267
BLOKZIJL, OLOF ANDRIES	2,992,393	BOURLES, ERWAN	2,992,922	CABOT CORPORATION	2,992,269
BLOOD, KENNETH	2,992,594	BOYD, LAWRENCE M.	2,992,314	CABOT CORPORATION	2,992,270
BLOWER, ANDREW JOHN	2,992,169	BOYLE, MICHAEL S.	2,992,581	CAGNAC, OLIVIER	2,992,148
BLUECHER, LUCAS G.	2,992,725	BP P.L.C.	2,992,110	CAGNAC, OLIVIER	2,992,149
BLUEMEL, CLAUDIA	2,991,607	BP P.L.C.	2,992,152	CALIEBE, REINHARD	2,992,137
BLUEMEL, CLAUDIA	2,991,672	BP P.L.C.	2,992,157	CALLEJA, PIERRE	2,992,148
BLUESTAR SILICONES		BP P.L.C.	2,992,159	CALLEJA, PIERRE	2,992,149
FRANCE SAS	2,990,973	BRADBURY, MICHELLE S.	2,985,126	CALVERT, PETER	2,990,751
BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION, ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO	2,992,537	BRADDON, LINDA	2,992,548	CALVO GUIRADO, JOSE LUIS	2,992,354
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,992,480	BRADDON, LINDA	2,992,583	CAMERON INTERNATIONAL CORPORATION	2,992,562
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,992,825	BRANDT, DOUGLAS	2,989,987	CAMPBELL, JONATHAN ANDREW	2,992,489
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE	2,992,879	BREHMER, DIRK	2,992,688	CAMPBELL, MATTHEW	2,986,199
BOBECK, DREW	2,992,028	BREI, ESTHER	2,991,805	CANCHO GRANDE, YOLANDA	2,990,300
BOCK, MARK GARY	2,992,408	BRENNEMAN, KRISTINA	2,990,018	CANCHO GRANDE, YOLANDA	2,990,411
BODENTEICH, ANGELIKA	2,992,352	KRAEMER	2,992,108	CANON JONES, HERNAN ALBERTO	2,972,174
BODENTEICH, ANGELIKA	2,992,376	BRESTAZ, MARC	2,992,494	CANON JONES, HERNAN ALBERTO	2,972,175
BODET, JEAN-FRANCOIS	2,992,311	BREUER, AVIVA	2,992,050	CANOVAS VIDAL, CARMEN	2,991,484
BODOKI, EDE	2,992,879	BREUER, WOLFGANG	2,992,835	CANTIN, LINE	2,992,804
BOECKX, AN	2,992,688	BREWER, JOEL D.	2,991,495	CANTU, ALFREDO	2,992,523
BOEHM, FREDERICK T.	2,991,990	BRITTON, ORSA	2,992,692	CAO, DONGMING	2,992,842
BOERS, WESLEY YVONNE PIETER	2,992,147	BROGUIERE, NICOLAS	2,991,798	CAPONIGRO, GIORIANO	2,992,221
BOHLIN, MARTIN	2,991,661	BROLY, HERVE	2,991,800	CARCERONI, RODRIGO	2,992,600
BOLOGNESE, DANILO	2,968,809	BROOKER, MARC JOHN	2,990,018	CARDAMONE, DAVID P.	2,991,751
BOMBARDIER INC.	2,984,425	BROSCH, MYCHAL BARRETT	2,992,852	CAREFUSION 303, INC.	2,991,796
BOMBARDIER INC.	2,990,136	BROTZMANN, GERHARD	2,992,798	CARLETTI, CLAUDIO	2,992,416
BONANY, JOAN	2,992,813	BROUWER, PIETER KRISTIAN	2,990,018	CARLOS, MARLON	2,992,728
BONAVENTURA, THOMAS	2,992,604	BROWN, CHRISTINE E.	2,992,989	CARRILLO, BRIAN	2,992,695
BONS, ROSS C.	2,992,737	BROWN, NANCY E.	2,992,592	CARTIER, REGIS	2,992,806
BONY, DELPHINE	2,990,174	BROWN, PAUL	2,992,175	CARVAJAL, GUSTAVO	2,992,711
BOOTZ, FRANZISKA SOPHIE	2,992,366	BRUENKER, PETER	2,992,863	CARVALHO GOMES, JOAO MANUEL	2,990,884
BOREALIS AG	2,991,442	BRUENKER, PETER	2,992,900	CARVALHO, ALEXANDRA	2,986,098
BOREALIS AG	2,992,385	BRUHLMANN, DAVID	2,991,798	CARVALHO, FELIX	2,986,098
		BRUHLMANN, DAVID	2,991,800	CASLER, RICK	2,992,831
		BRUNET, OLIVIER	2,992,664	CASTAING, JEAN- CHRISTOPHE	2,992,119
		BRUSTMAN, LISA A.	2,992,727	CASTILLO RUIZ, MARIO HERNAN	2,972,174
		BRYSON, JASON	2,992,285	CASTILLO RUIZ, MARIO HERNAN	2,972,175
		BSN MEDICAL GMBH	2,992,381	CASU, SASCHA	2,992,381
		BUCKNELL, JUSTIN R.	2,992,268		
		BUDGE, DAVID	2,990,254		
		BUDIMAN, ERWIN SATRYA	2,991,716		
		BUELTE, STEVE	2,991,626		
		BUET, EMILIEN	2,990,173		
		BUGNICOURT, BERTRAND	2,989,985		
		BUIS, VIERLE	2,992,807		
		BUTT, TYLER	2,992,658		

Index of PCT Applications Entering the National Phase

CATERPILLAR GLOBAL MINING EUROPE GMBH	2,992,798	CHAMBERS, JAMES W.	2,993,003	COBB, PATRICIA	2,991,944
CATTENOZ, MATHIEU	2,992,344	CHAMOUMI, MOSTAFA	2,991,801	COBB, PATRICIA	2,991,948
CAUSLEY, JOEL DAVID	2,992,561	CHAMPAGNE, CLEMENTINE	2,990,174	COBURN, CHARLES	2,992,011
CAZAUX, FREDERIC	2,991,000	CHAN, KA MING	2,992,997	COCKS, ELIJAH E.	2,990,019
CCS TECHNOLOGY, INC.	2,992,972	CHAPMAN, JAMES	2,991,407	CODARRI-DEAK, LAURA	2,992,853
CECILIO HALLAK, JAIME EDUARDO	2,992,494	CHARLES, KIRK	2,992,584	COGNITIVE SYSTEMS CORP.	2,992,624
CELGARD, LLC	2,992,141	CHIART ENERGY & CHEMICALS, INC.	2,991,712	COKER, JUSTIN JEFFREY	2,992,974
CELLERANT THERAPEUTICS, INC.	2,992,539	CHARVERIAT, MATHIEU	2,992,162	COLGATE-PALMOLIVE COMPANY	2,991,917
CENTAURUS BIOPHARMA CO., LTD.	2,992,317	CHASE PHARMACEUTICALS CORPORATION	2,992,731	COLGATE-PALMOLIVE COMPANY	2,992,631
CENTIVC- CENTRO DE NANOTECNOLOGIA E MATERIAIS TECNICOS, FUNCOINAI E INTELIGENTES	2,990,884	CHASE, THOMAS	2,992,731	COLLANTES, JUAN-CARLOS	2,992,580
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE LILLE	2,991,000	CHAUDHRY, MOHAMMED SABHI	2,991,841	COLLINS, BARBARA ANNE	2,990,638
CENTRE HOSPITALIER SAINTE ANNE PARIS	2,992,161	CHAVEZ MONTES, BRUNO	2,991,593	COMMANDER, LAWRENCE GEORGE	2,991,954
CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER	2,992,591	CHIEHAYEB, KARIM M.	2,993,007	COMMANDER, LAWRENCE GEORGE	2,991,958
CENTRE HOSPITALIER UNIVERSITAIRE DE NIMES	2,992,591	CHEMELEWSKI, KATHARINE	2,992,141	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	2,992,130
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,991,571	CHEN, CHIHAN	2,992,842	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	2,992,373
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,992,373	CHEN, CHONGYI	2,992,717	COMPANHIA ESTADUAL DE AGUAS E ESGOTOS - CEDAE	2,992,491
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,991,000	CHEN, CHUN-HAN	2,993,022	COMPOSITE TECHNOLOGY AND APPLICATIONS LIMITED	2,990,751
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,991,574	CHEN, DANIEL S.	2,986,263	COMPTON, ELSA	2,991,574
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,992,119	CHEN, KAISHENG	2,992,268	CONGDON, THOMAS	2,992,596
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,992,377	CHEN, YUE	2,992,626	CONOCOPHILLIPS COMPANY	2,992,476
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,992,591	CHEVRON USA	2,992,273	CONOCOPHILLIPS COMPANY	2,992,835
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,992,899	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2,992,317	CONOCOPHILLIPS COMPANY CONRAD, CHRIS	2,991,779
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE DE MONACO	2,992,377	CHICARELLI, MARK J.	2,992,586	CONVATEC TECHNOLOGIES INC.	2,992,975
CEPHIED	2,992,831	CHILKOTI, ASHUTOSH	2,993,002	COOMBS, KEVIN ANDREW	2,992,979
CEVA SANTE ANIMALE	2,992,158	CHIMERIX, INC.	2,992,278	COOPER TECHNOLOGIES COMPANY	2,992,567
CFSO GMBH	2,992,137	CHIN, WAI N.	2,992,566	COOPER TECHNOLOGIES COMPANY	2,992,568
CHABA, PIOTR J.	2,990,875	CHO, HYEON-JE	2,992,488	COOPER TECHNOLOGIES COMPANY	2,992,572
CHAI, FENG	2,991,000	CHO, KWANTAI	2,992,141	COOPER TECHNOLOGIES COMPANY	2,992,574
		CHOI, JOON YOUNG	2,985,167	COOPER TECHNOLOGIES COMPANY	2,992,589
		CHOI, YOUNG-JUNE	2,990,801	COOPER, JOSH	2,991,643
		CHONG KUN DANG PHARMACEUTICAL CORP.	2,985,769	COOPER, RYAN	2,992,596
		CHOONG, LOOH TCHUIN	2,993,007	COPLAND, RICHARD J.	2,991,484
		CHRETIEN, FABRICE BRUNO	2,992,161	CORNELL UNIVERSITY	2,985,083
		CHRISTENSON, JUSTIN C.	2,992,010	CORNELL UNIVERSITY	2,985,126
		CHRISTMANN, UTE	2,991,937	CORNES, IAN	2,991,954
		CHROVIAN, CHRISTA C.	2,991,765	CORNING INCORPORATED	2,991,629
		CHURCH, RYAN	2,992,862	CORTES GONZALEZ, HERNAN DANILO	2,972,174
		CHURCH, RYAN	2,992,864	CORTES GONZALEZ, HERNAN DANILO	2,972,175
		CHURCH, RYAN	2,992,894	COSTANZO, MARK	2,992,595
		CIAVARELLA, NICK	2,991,979	COSTELLO, KENNETH	2,992,730
		CLIAN AG	2,992,918	COSTELLO, MARK M.	2,992,500
		CIOANTA, IULIAN	2,992,481		
		CIRIO, GABRIEL	2,992,394		
		CITY OF HOPE	2,992,989		
		CIUFFO, MARINA	2,992,153		
		CLARENCE-SMITH, KATHLEEN E.	2,992,731		
		CLARET, ELMA	2,992,650		
		CLARIFY MEDICAL, INC.	2,992,988		
		CLARKE, MIRIAM S.	2,992,361		
		CLAUS, CHRISTINA	2,992,863		
		CLAUS, CHRISTINA	2,992,900		
		CLAUSS, TOBIAS	2,990,891		
		CLIFTON PACKAGING GROUP LTD	2,969,052		
		COATES, DAVID ANDREW	2,992,622		
		COATEX	2,990,174		

Index des demandes PCT entrant en phase nationale

COWAN, DAVID	2,992,425	DE JONG, ROB	2,991,805	DEVORIE, MICHEL	2,993,006
COX, JASON R.	2,992,264	DE LA RUE INTERNATIONAL		DEWALD, BRIAN DALE	2,992,721
COX, JASON R.	2,992,266	LIMITED	2,991,954	DI FEDERICO, IVAN	
COX, JOHN M.	2,992,571	DE LA RUE INTERNATIONAL		GIOVANNI	2,991,427
COX, JOHN M.	2,992,713	LIMITED	2,991,956	DI, YUEZHONG	2,992,502
CRADDOCK, BRADLEY FEILD	2,990,187	DE LA RUE INTERNATIONAL		DIALER, LUKAS	2,992,043
CRAMM, CARL J.	2,992,437	LIMITED	2,991,957	DIALLO, HAWA	2,986,199
CRATA, OSWALD R.	2,992,658	DE LA RUE INTERNATIONAL		DICKENS, DUSTIN	2,992,831
CREATRIX SOLUTIONS LLC	2,992,875	LIMITED	2,991,958	DIELS, GASTON STANISLAS	
CREO MEDICAL LIMITED	2,991,841	DE LA RUE INTERNATIONAL		MARCELLA	2,992,688
CROUTHER, NATHAN		LIMITED	2,991,959	DIERSCH, STEFAN	2,992,588
CHRISTOPHER	2,991,716	DE LA RUE INTERNATIONAL		DIETRICH, JORG	2,991,941
CROWDER, SCOTT	2,992,480	LIMITED	2,991,962	DIETZ, LISA	2,990,411
CROWDER, SCOTT	2,992,492	DE LOURDES BASTOS,		DIETZE, SEBASTIAN	2,992,650
CRUZ TEJEDOR, MARIA		MARIA	2,986,098	DIETZEN, DANIEL L.	2,992,619
ANGELA	2,991,597	DE MALSCHIE, WIM	2,992,062	DIETZEN, GARY H.	2,992,619
CUADRADO TEJEDOR,		DE MASSON, ADELE	2,991,469	DIFFUSSENCE	2,990,727
MARIA DEL MAR	2,992,846	DE MELO MAIA, CRISTINA		DIGISIGHT TECHNOLOGIES,	
CUE INC.	2,992,596	ISABEL	2,990,884	INC.	2,992,438
CUI, JINGRONG JEAN	2,992,324	DE MESMAEKER, ALAIN	2,992,374	DING, LULIN	2,990,187
CUNE CASTELLANA, JORDI	2,992,354	DE MIRANDA, HUGO		DINIS OLIVEIRA, RICARDO	
CUPPOLETTI, ANDREA	2,991,470	VILLELA	2,992,491	JORGE	2,986,098
CUREVAC AG	2,992,801	DE NARDIS, MARCO	2,990,138	DINIZ DA FONSECA, JOANA	2,990,884
CURRY, PATRICK	2,992,876	DE OLIVEIRA, MARCELO	2,989,940	DINTE, ELENA	2,992,879
CUTHBERT, ANDREW JOHN	2,992,437	DE ROSA, MARIO	2,986,095	DIRTT ENVIRONMENTAL	
CVR GLOBAL, INC.	2,993,020	DE SOUZA CRIPPA, JOSE		SOLUTIONS INC.	2,992,856
CYBER 2.0 (2015) LTD.	2,991,423	ALEXANDRE	2,992,494	DITTMAR, RUDI	2,992,672
D'APICE, ALESSANDRO	2,992,963	DE STRYCKER, JOOST	2,990,366	DITZEL, HENRIK JORN	2,991,805
D'SOUZA, SHANE	2,969,052	DE STRYCKER, JOOST REMI		DIXIT, RAVINDRA S.	2,991,702
D. W. SPINKS (EMBOSSING)		MARGUERITTE	2,992,815	DKIDAK, AICHA	2,992,114
LIMITED	2,991,552	DECENZO, CHRIS	2,992,429	DKIDAK, AICHA	2,992,147
DA COSTA, ILIDIO GOUVEIA	2,992,287	DECH, CO DAU	2,992,836	DO, THAI	2,992,151
DA SILVA ARNAUT		DECKER, CHRISTIAN	2,989,911	DODD, PATRICK E.	2,992,604
MOREIRA, LUIS		DEEBA, MICHEL	2,990,427	DOLAI, SUJIT KUMAR	2,992,107
GUILHERME	2,985,187	DEES, HENDRIK JOHAN	2,990,768	DOLAN, LAWRENCE	
DAGAN, KEVIN	2,989,985	DEGIOANNI, LORIS	2,990,405	EDWARD	2,991,792
DAHL, JEROD	2,992,744	DEKAMO, SHINGO	2,992,415	DOLMANSLEY, TIMOTHY	2,991,947
DAHLHOFF, CHRISTOPH	2,991,607	DEKIC ZIVKOVIC, TANJA	2,992,369	DOMAILLE, PETER	2,992,860
DAI, BIN	2,991,778	DEKIC ZIVKOVIC, TANJA	2,992,676	DOMINOWSKI, PAUL JOSEPH	2,992,892
DAIFUKU CO., LTD.	2,992,412	DEL PORTILLO OBANDO,		DOMMACH, MARKUS	2,992,375
DALLERA, JOSEPH E.	2,992,618	HERNANDO ANTONIO	2,992,639	DONCHE, FREDERIC G.	2,986,102
DAN RAZ LTD.	2,992,515	DELAVAI HOLDING AB	2,991,407	DONDERICI, BURKAY	2,989,106
DANA-FARBER CANCER		DELBRIDGE, EWAN E.	2,993,016	DONDERICI, BURKAY	2,992,436
INSTITUTE, INC.	2,991,645	DEL CAMP, ADRIEN	2,990,173	DORITY, DOUG	2,992,831
DANG, DINH	2,990,427	DELON, CAMILLE	2,992,797	DORNER, DIRK	2,992,398
DANG, HOANG	2,992,733	DEL RUE, OLIVIER	2,991,737	DOSE SMART IMAGING	2,992,575
DAS, SOUMYA	2,992,965	DEL RUE, OLIVIER	2,992,535	DOSHEV, PETAR	2,992,385
DASGUPTA, SOMESH	2,990,638	DEMARTINO, JUSTIN	2,992,596	DOUAULT, CLEMENT	2,986,199
DAUGAN, ALAIN CLAUDE-		DEMARTINO, STEVEN		DOUGLASS, ROBERT	
MARIE	2,986,102	EDWARD	2,991,629	STEPHEN	2,992,567
DAUGHERTY, LYLE M.	2,992,564	DEMARY, TINH NGUYEN	2,992,975	DOW AGROSCIENCES LLC	2,992,658
DAUZAT, MICHEL	2,992,591	DEMILLO, VIOLETA	2,992,537	DOW AGROSCIENCES LLC	2,992,844
DAVIS, BENJAMIN M.	2,992,500	DENG, WEI	2,992,324	DOW GLOBAL	
DAVIS, CLAUDE GEOFFREY	2,993,014	DENTON, ROBERT D.	2,991,940	TECHNOLOGIES LLC	2,991,702
DAVIS, CLAUDE GEOFFREY	2,993,015	DENTSPLY DETREY GMBH	2,992,513	DOW GLOBAL	
DAVIS, CODY R.	2,992,719	DEPOOT, KAREL JOSEF		TECHNOLOGIES LLC	2,991,770
DAVIS, DALE SCOTT	2,992,990	MARIA	2,992,311	DOW GLOBAL	
DAWES, PAUL J.	2,992,429	DESFORGES, JEAN-BAPTISTE		TECHNOLOGIES LLC	2,992,498
DE DOSSO, SARA	2,992,375	VINCENT	2,992,532	DOWNEY, ADAM DARWIN	2,992,453
DE GRAAFF, GERBRAND		DEUTSCHE TELEKOM AG	2,989,924	DOWNS, MICHAEL S.	2,991,744
KRISTIAAN	2,990,766	DEVERAUX, QUINN	2,992,298	DR. REDDY'S LABORATORIES	
DE GRAAFF, GERBRAND		DEVILLE, JAY PAUL	2,992,554	LTD.	2,992,107
KRISTIAAN	2,990,769	DEVIN, CHANTAL	2,991,661	DRACH, JOHN	2,992,278
DE GRYZE, STEVEN	2,992,426	DEVISON, STEPHEN A.	2,992,624		

Index of PCT Applications Entering the National Phase

DRACHMANN HAAG, MICHAEL	2,992,633	ELI LILLY AND COMPANY	2,992,622	FALKENBERG, BRANDON K.	2,991,982
DRACHMANN HAAG, MICHAEL	2,992,634	ELIZONDO, PAUL M., II	2,990,420	FALKENSTEIN, ROBERTO	2,992,420
DRAIOS INC.	2,990,405	ELLA, KRISHNA MURTHY	2,992,531	FALLIN, T. WADE	2,991,756
DRILLET, PASCAL	2,990,356	ELSNER, OLIVER	2,992,513	FAMILI, AMIN	2,992,602
DROBOCKYI, VOLODYMYR	2,993,005	ELWOOD, MICHAEL K.	2,992,707	FAMILINGS OY	2,992,166
DRON, WILFRIED	2,991,571	EMPL, GUNTER	2,992,365	FAN, LIQIANG	2,992,498
DRUMMOND, DARYL C.	2,992,789	ENANTA		FAN, YIJING	2,992,436
DSM IP ASSETS B.V.	2,991,662	PHARMACEUTICALS, INC.	2,992,839	FANG, TAIXUN	2,992,842
DSM IP ASSETS B.V.	2,991,651	ENCO ELECTRONIC SYSTEMS, LLC	2,992,619	FANG, WEIFENG	2,992,141
DUCOTE, DOUGLAS A., JR.	2,991,712	ENDL, BIRGIT	2,991,521	FANG, ZIJUN	2,992,841
DUEPPEN, DANIEL G.	2,992,860	ENERGY TRANSITIONS LIMITED	2,992,169	FANUCCI, CHARISSA	2,990,011
DUERKSEN-HUGHES, PENELOPE	2,992,576	ENGELBERTS, PATRICK	2,992,380	FARD, MOHAMMAD REZA GHAFOURI	2,993,021
DUERNER, LYDIA, JASMIN	2,992,797	ENGMAB SARL	2,992,797	FARIA RAMOS TAVARES, NEUZA PATRICIA	2,990,884
DUNAWAY, DWAYNE L.	2,992,480	ENOCCELL LIMITED	2,989,971	FARRER, STEPHEN	2,991,484
DUNAWAY, DWAYNE L.	2,992,492	ENZYMATICA AB	2,992,677	FASCHING, BERNHARD	2,992,926
DUNCAN, MARK	2,992,596	ENZYMATICA AB	2,992,821	FASKIN, KEITH	2,991,103
DUONG, TIEN T.	2,992,662	ERBEY, JOHN R., II	2,992,322	FASOLINO, STEPHEN T.	2,992,718
DUQUESNE UNIVERSITY OF THE HOLY SPIRIT	2,991,912	ERBEY, JOHN R., II	2,992,546	FAUCHER, NICOLAS ERIC	2,986,102
DURAND-DUBIEF, MICKAEL	2,985,163	ERGON ASPHALT & EMULSIONS, INC.	2,992,496	FEIGUM, ADAM C.	2,992,852
DURFEE, EILEEN LOUISE	2,992,875	ERICKSON, RYAN	2,992,420	FELDMAN, YOSEPH	2,992,683
DURING, MATTHEW	2,992,734	ERREN, STEFAN	2,992,345	FELZMANN, WOLFGANG	2,991,521
DURR SYSTEMS AG	2,992,685	ESSADDAM, HATEM	2,991,515	FENG, NAI XIANG	2,992,502
DUSSAUSOIS, DAVID	2,991,548	ETH ZURICH	2,992,692	FENG, YUDING	2,991,764
DUTTA, PRADIP	2,986,358	EVERGREEN ANIMAL HEALTH, LLC	2,992,279	FENTON, JONATHAN	2,990,120
DUY, NGUYEN DUC	2,992,836	EVONIK ROHM GMBH	2,986,188	FERGUSON, EWEN JAMES	2,992,110
DYNASOL ELASTOMEROS S.A.	2,991,597	EVONIK TECHINOCHEMIE GMBH	2,992,061	FERGUSON, EWEN JAMES	2,992,152
E.I. DU PONT DE NEMOURS AND COMPANY	2,992,488	EVONIK TECHINOCHEMIE GMBH	2,992,064	FERGUSON, EWEN JAMES	2,992,157
EARL, BRIAN D.	2,991,591	EVSYUKOV, SERGEY	2,992,061	FERGUSON, EWEN JAMES	2,992,159
EASTIN, PHILIP	2,992,720	EVSYUKOV, SERGEY	2,992,064	FERMENTALG	2,992,148
EBERT, MATTHIAS P.	2,992,375	EXACT SCIENCES		FERMENTALG	2,992,149
ECKELMAN, BRENDAN P.	2,992,298	DEVELOPMENT COMPANY, LLC	2,992,790	FERRARA KOLLER, CLAUDIA	2,992,863
ECKERT, CAMERON	2,992,581	EXPEDIA, INC.	2,992,997	FERRARA KOLLER, CLAUDIA	2,992,900
ECO 100 DESENVOLVIMENTO SUSTENTADO LTDA - ME	2,992,491	EXPRO METERS, INC.	2,992,876	FERRARI, GIANLUCA	2,992,430
ECOLAB USA INC.	2,992,720	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,991,938	FERRARI, GIANLUCA	2,992,433
EDBAUER, MITCHELL S.	2,992,737	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,991,940	FERRARI, GIANLUCA	2,992,435
EDGAR, ROBERT HUGH	2,991,912	EYAA A ALLOGO, CLOTAIRE- MARIE	2,991,581	FERRAZ CARDOSO SOARES, HELDER TAO	2,985,187
EDLUND, CHESTER R.	2,990,638	EZZARIHOUNI, ADNAN	2,989,985	FERREIRA GONCALVES, NUNO PAULO	2,985,187
EDWARDS LIFESCIENCES CORPORATION	2,992,569	F. HOFFMANN-LA ROCHE AG	2,990,306	FERTIG, GEORG	2,992,853
EGAN, MICHAEL E.	2,991,793	F. HOFFMANN-LA ROCHE AG	2,992,420	FIATRE, OLIVIER	2,991,237
EICHMANN, SHANNON L.	2,992,266	F. HOFFMANN-LA ROCHE AG	2,992,853	FIDELITY NATIONAL INFORMATION SERVICES, INC.	2,992,747
EICK, PETER M.	2,992,835	F. HOFFMANN-LA ROCHE AG	2,992,863	FIEDLER, ERIK	2,991,814
EIDAM, PATRICK M.	2,986,102	F. HOFFMANN-LA ROCHE AG	2,992,889	FIEDLER, ERIK	2,991,815
EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH	2,991,817	F. HOFFMANN-LA ROCHE AG	2,992,900	FIFE, CHRISTOPHER MICHAEL	2,992,811
EISENBACH-SCHWARTZ, MICHAEL	2,991,981	F. HOFFMANN-LA ROCHE AG	2,992,926	FILIPPO, ACERBI	2,992,807
EISENTRAUT, TIMOTHY J.	2,991,576	FABIAN, MICHELLE DAWN	2,991,629	FILIPPOV, ANDREY	2,992,711
EISNER, PETER	2,992,150	FACEBOOK, INC.	2,991,026	FILIPPOVA, MARIA	2,992,576
EKSO BIONICS, INC.	2,992,738	FAIR ISAAC CORPORATION	2,990,854	FINNEGAN, PAUL WILLIAM	2,993,014
ELAHI, PEGGAH	2,990,011	FAIRCHILD, JAMIE AELFRED	2,990,746	FINNEGAN, PAUL WILLIAM	2,993,015
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	2,989,155	FAIRFIELD INDUSTRIES INCORPORATED	2,992,606	FINNEY, HELENE MARGARET	2,992,371
ELEVANCE RENEWABLE SCIENCES, INC.	2,992,011	FAIRWAYIQ, INC.	2,992,851	FINNEY, HELENE MARGARET	2,992,372
		FALCK, JOHN RUSSEL	2,992,825	FIRST RESPONSE LOCATOR SYSTEMS, INC.	2,993,037

Index des demandes PCT entrant en phase nationale

FISHER & PAYKEL HEALTHCARE LIMITED	2,992,921	FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,992,150	FURUKAWA, SATOMI	2,992,838
FISHER CONTROLS INTERNATIONAL LLC	2,991,531			FURUYA, KENTARO	2,992,698
FISHER, MICHAEL ALLEN	2,992,322			FYFE, KAITIE	2,992,921
FISHER, MICHAEL ALLEN	2,992,546	FREDERICKSEN, ERIC	2,992,658	FYFE, KENNETH RICHARD	2,992,954
FITTING, JENNY	2,990,411	FREDRIKSSON, JOHAN ERIK SIMON	2,992,393	GADIYAR, BALKRISHNA	2,991,581
FITZGERALD, JOHN P.	2,992,558	FRIEDLAUF, KEITH	2,992,695	GADY, CECILLE	2,992,148
FITZGERALD, JONATHAN BASIL	2,992,789	FREIBERG, ANDREW	2,991,591	GAGE, ROBERT ALAN	2,992,848
FITZWATER, JASON	2,992,581	FREIBURGER, JAN	2,992,818	GAILLARD, RAPHAEL	2,992,161
FITZWATER, KELLY R.	2,992,467	FREIMOSER- GRUNDSCHOBER, ANNE	2,992,797	GALAEV, IGOR	2,991,651
FLATT, JAMES H.	2,992,860	FREITAS COSTA, VERA MARISA	2,986,098	GALAEV, IGOR	2,991,662
FLEMING, JO	2,990,769	FRES-CO SYSTEM USA, INC.	2,991,585	GALAN, GUSTAVO	2,990,638
FLEMING, MATTHEW J.	2,992,728	FRESENIUS MEDICAL CARE HOLDINGS, INC.	2,990,019	GALATA, VALENTINA	2,991,666
FLEMING, NICHOLAS	2,992,738			GALATA, VALENTINA	2,991,670
FLETCHER, KRISTIN	2,991,769	FRESENIUS MEDICAL CARE HOLDINGS, INC.	2,991,781	GALATA, VALENTINA	2,991,671
FLETCHER, KRISTIN	2,991,782	FREY, ALICE	2,992,907	GALATA, VALENTINA	2,992,795
FLETCHER, KRISTIN	2,991,787	FRIBOURG, GUILLAUME	2,991,283	GALATA, VALENTINA	2,992,828
FLITSCH, FREDERICK A.	2,992,943	FRIEDHOFF, LAWRENCE TIM	2,992,518	GALINDO, KAY ANN	2,992,709
FLITSCH, ROBERT A.	2,992,943	FROMM, DAVID	2,992,831	GALLULA, JENNIFER	2,984,879
FLORES, CLAUDIA	2,991,000	FRUNZIO, LUIGI	2,993,006	GAMELIN, ANDRE S.	2,992,988
FOLEY, JAMES	2,992,636	FUHL, GERMAINE	2,992,602	GAO, CAIXIA	2,992,799
FOLEY, PETER	2,992,744	FUHRMANN, BERNHARD	2,992,665	GAO, MIN	2,992,315
FOMITCHEV, DMITRY	2,992,259	FUJI SEAL INTERNATIONAL, INC.	2,992,504	GAO, YI	2,992,722
FOMITCHEV, DMITRY	2,992,267	FUJIFILM CORPORATION	2,992,403	GAPINSKI, BRYCE J.	2,991,982
FOMITCHEV, DMITRY	2,992,269	FUJIFILM CORPORATION	2,992,698	GARCIA OSTA, ANA MARIA	2,992,846
FOMITCHEV, DMITRY	2,992,270	FUJIKI, NORIAKI	2,992,687	GARCIA, ANDRES JOSE	2,992,314
FONTENOT, SEAN	2,985,357	FUJINO, MASATAKA	2,992,698	GARCIA, JULIANA	2,986,098
FORD, GRAHAM	2,991,103	FUJITA, SUSUMU	2,992,687	GARCIA-LOPEZ, MONICA	2,991,937
FORMAN, STEPHEN J.	2,992,989	FUJITA, SUSUMU	2,992,967	GARCIA-LOPEZ, MONICA	2,992,054
FORSYTHE, SHANNON FREDERICK	2,992,848	FUJIWARA, TAKAHIRO	2,992,541	GARDA, PATRICK	2,991,571
FORTNER, KEVIN CHARLES	2,992,622	FULCRUM BIOENERGY, INC.	2,992,422	GARDNER DENVER DEUTSCHLAND GMBH	2,991,806
FOSS, DENNIS L.	2,992,892	FULCRUM MANAGEMENT SOLUTIONS LTD.	2,992,628	GARDNER DENVER DEUTSCHLAND GMBH	2,992,672
FOURCADE, STEPHANE	2,991,586	FUNDACIO HOSPITAL UNIVERSITARY VALL D'HEBRON	2,992,343	GARRETT, COLLEEN	2,992,722
FOURNEY, MATTHEW L.	2,992,595	FUNDACIO INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS (ICREA)	2,991,586	GARRIGA-SANAHUJA, LOURDES	2,991,937
FRAGA TRILLO, LUISA MARIA	2,991,597	FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL)	2,991,586	GARST, MICHAEL E.	2,992,662
FRAILE SAUCE, LORENZO JOSE	2,992,639	FUNDACIO INSTITUT D'INVESTIGACIO EN CIENCIAS DE LA SALUT GERMANS TRIAS I PUJOL	2,992,639	GARTI LEVI, SHARON	2,990,941
FRANK'S INTERNATIONAL, LLC	2,992,656	FUNDACIO PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA (ISGLOBAL)	2,992,639	GARTI, NISSIM	2,990,941
FRANKE KAFFEEMASCHINEN AG	2,991,537	FUNDACION PARA LA INVESTIGACION MEDICA APLICADA	2,992,846	GARTON, NEIL STUART	2,986,199
FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,990,891	FUNKHOUSER, GARY P.	2,992,712	GASCOOKE, DARREN	2,991,778
FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,992,958	FURMANOVA HOLLENSTEIN, POLINA	2,991,540	GASSER, BRIGITTE	2,992,170
FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,988,645			GASTAL, GUILLAUME	2,992,362
				GATES CORPORATION	2,991,764
				GATES CORPORATION	2,992,308
				GATES, COREY	2,992,429
				GATES, JOHN	2,992,426
				GATHRIGHT, DAVID SCOTT	2,991,488
				GATTO, VINCENT, J.	2,992,312
				GAWAND, PRATISH	2,992,794
				GAYLE, SOPHIA	2,991,779
				GAYLORD, AARON M.	2,992,579
				GAZTRANSPORT ET TECHNIGAZ	2,989,985
				GE OIL & GAS, INC.	2,992,986
				GE-HITACHI NUCLEAR ENERGY AMERICAS LLC	2,992,976
				GEA FOOD SOLUTIONS BAKEL B.V.	2,992,663
				GEBBINK, JEROEN GERRIT ANTON	2,992,504
				GEERTMAN, ROBERT	2,991,651
				GEERTMAN, ROBERT	2,991,662
				GEISER, TIMOTHY A.	2,992,569

Index of PCT Applications Entering the National Phase

GENAGON THERAPEUTICS		GLAXOSMITHKLINE		GRAY, NATHANAEL S.	2,991,645
AB	2,992,393	INTELLECTUAL		GRAY, PHILIP	2,991,682
GENDRAUD, ALAIN		PROPERTY		GREEN CROSS	
DOMINIQUE	2,992,532	DEVELOPMENT LIMITED	2,986,199	CORPORATION	2,990,370
GENENTECH, INC.	2,986,263	GLOSER, MANJA	2,991,814	GREEN, JENNIFER	2,992,571
GENENTECH, INC.	2,992,420	GLUCK, JULIAN MARIUS	2,990,411	GREEN, JENNIFER	2,992,713
GENENTECH, INC.	2,992,602	GLYNN, ANGELA	2,993,037	GREEN, MARTIN C.	2,992,259
GENERAL CABLE		GODBEE, TRACI K.	2,992,892	GREEN, MARTIN C.	2,992,267
TECHNOLOGIES		GODBER, ANTHONY		GREEN, MARTIN C.	2,992,269
CORPORATION	2,992,719	MICHAEL	2,992,287	GREEN, MARTIN C.	2,992,270
GENERAL ELECTRIC		GODFREY, JOHN	2,991,954	GREENBERG, STEVEN	2,992,987
COMPANY	2,992,284	GODFREY, JOHN	2,991,956	GREVEN, SIMONE	2,990,300
GENERAL ELECTRIC		GOFFMAN, DANIEL L.	2,992,843	GREVEN, SIMONE	2,990,411
COMPANY	2,992,979	GOJO INDUSTRIES, INC.	2,991,979	GRIEBENOW, NILS	2,990,300
GENERAL ELECTRIC		GOKER, ERDEM	2,992,375	GRIEGEL, DAVID	2,990,854
TECHNOLOGY GMBH	2,989,476	GOLAB, JAKUB PAWEL	2,990,249	GRIESEL, CHARLES	2,991,575
GENERAL ELECTRIC		GOLAN, LIOR	2,992,681	GRIGORIEVA, RAISA	2,991,548
TECHNOLOGY GMBH	2,992,962	GOLDFAIN, RUSSELL J.	2,992,558	GRITZAN, UWE	2,990,411
GENERAL MILLS, INC.	2,992,852	GOLLAPALLI, JOSHUA		GROSS, MARTYN C.	2,992,988
GENILIER, ARNAUD	2,992,532	SAMUEL	2,992,704	GROSS, THOMAS D.	2,992,523
GENMAB A/S	2,991,805	GOLLAPALLI, JOSHUA		GROSZ, RON	2,992,259
GENMAB A/S	2,992,380	SAMUEL	2,992,710	GROSZ, RON	2,992,267
GENUS PLC	2,992,414	GOLOS, ADAM	2,992,586	GROSZ, RON	2,992,269
GEORGE, NICOLAS S.	2,986,102	GOMBERT, ANDREAS	2,992,641	GROSZ, RON	2,992,270
GEORGES, DIDIER	2,989,945	GOMES MOREIRA PEGO,		GROTHUES, HANNAH I.	2,990,638
GEORGIA TECH RESEARCH		JOSE MIGUEL	2,991,554	GRUBBA, WILLIAM E.	2,992,496
CORPORATION	2,992,753	GONCALVES SANTOS, NUNO		GRUND, STEFANIE	2,992,801
GEORGLADIS, ROBERT		MIGUEL	2,991,554	GTL PETROL, LLC	2,992,428
GUIDO	2,992,814	GONZALES, DENIS ALFRED	2,992,114	GUALANDI, LAURA	2,992,136
GERAATS, BART	2,992,153	GONZALES, DENIS ALFRED	2,992,147	GUANGZHOU HUAXINKE	
GERARD, BAUDOUIN	2,992,082	GONZALEZ, JAVIER	2,991,479	INTELLIGENT	
GHANBARZADEH, SINA	2,992,575	GONZALEZ, JAVIER G.	2,991,490	MANUFACTURING	
GHASSEMI, SABA	2,992,551	GONZALEZ, JUAN M.	2,991,944	TECHNOLOGY CO., LTD.	2,992,957
GI SCIENTIFIC, LLC	2,992,739	GONZALEZ, JUAN M.	2,991,948	GUARDANT HEALTH, INC.	2,993,019
GIFFORD, JAMES	2,992,844	GOOD, BENJAMIN URIAH	2,991,531	GUARI, JOULIA	2,991,574
GIGA AMPS UK LIMITED	2,990,344	GOODING, JOHN JUSTIN	2,992,811	GUARI, YANNICK	2,991,574
GIL, DANIEL W.	2,992,660	GOODMAN, EDWARD	2,990,751	GUIDMUNSDOTTIR, AGUSTA	2,992,677
GIL, DANIEL W.	2,992,788	GOODMAN, STEVEN D.	2,993,009	GUIDMUNSDOTTIR, AGUSTA	2,992,821
GILLSEN, RONALDUS		GOODWIN, SCOTT	2,989,302	GUEDAT, PHILIPPE	2,992,674
ARNODUS HENDRIKA		GOOGLE LLC	2,992,600	GUENTERT, MATTHIAS	2,992,601
JOSEPH	2,992,688	GOOLE, JONATHAN	2,992,356	GUERDRUM, JONATHAN H.	2,992,558
GILL, SAAR	2,992,742	GORDON, BENJAMIN	2,990,120	GUERDRUM, JONATHAN H.	2,992,579
GILLIES, STEVEN	2,992,386	GORDON, MARTIN	2,990,120	GUGLIELMO, COSTA	2,992,813
GILLOT, CLEMENT	2,991,283	GOVERNING COUNCIL OF		GUHA, ASHISH	2,986,188
GILROSE		THE UNIVERSITY OF		GUILLAUME, GEORGES	2,992,356
PHARMACEUTICALS,		TORONTO	2,992,794	GUILLEMONT, JEROME	
LLC	2,991,529	GOVINDAN, PRAKASH		EMILE GEORGES	2,986,326
GILSING, ROY	2,990,769	NARAYAN	2,993,007	GUILLEMONT, JEROME	
GINSBERG, MICHAEL		GOYAL, RAJESH	2,992,119	EMILE GEORGES	2,986,331
DANIEL	2,993,014	GPCP IP HOLDINGS LLC	2,992,737	GUILLLOU, FLORENT	2,992,691
GINSBERG, MICHAEL		GRACO MINNESOTA INC.	2,991,982	GULBRANDSEN, PEDER J.	2,991,753
DANIEL	2,993,015	GRADIENT CORPORATION	2,993,007	GULLBERG, DANIEL	2,991,658
GIROTRA, ROHIT	2,992,523	GRAHAM, DEVON	2,992,636	GULLIFORD, CRAIG	2,991,841
GIUSTINIANI, JEROME	2,991,469	GRAPHIC PACKAGING		GUMMADI, VENKATESHWAR	
GJERDE, ANDERS R.	2,990,011	INTERNATIONAL, LLC	2,992,467	RAO	2,992,406
GLAXOSMITHKLINE		GRAPHIC PACKAGING		GUMMADI, VENKATESHWAR	
BIOLOGICALS S.A.	2,992,922	INTERNATIONAL, LLC	2,992,478	RAO	2,992,408
GLAXOSMITHKLINE		GRAPHIC PACKAGING		GUNZE LIMITED	2,992,703
INTELLECTUAL		INTERNATIONAL, LLC	2,992,560	GUO, ZIFANG	2,992,987
PROPERTY		GRASSAUER, ANDREAS	2,992,352	GUPTA, ABHAY	2,992,429
DEVELOPMENT LIMITED	2,986,102	GRASSAUER, ANDREAS	2,992,376	GUPTA, GAURAV	2,992,882
		GRAU, THOMAS C.	2,991,982	GUPTA, NIMISH	2,986,358
		GRAU-RICHARDS, SANDRA	2,992,863	GUPTA, NITIN	2,992,019
		GRAU-RICHARDS, SANDRA	2,992,900	GUPTA, PARAG A.	2,991,938

Index des demandes PCT entrant en phase nationale

GUPTE, PARAG A.	2,991,940	IAMANO, JUNJI	2,991,992	HEMPER, JOHN D.	2,991,912
GUROVICH, NIKOLAY	2,992,569	HAMMER, STEFANIE	2,990,411	HENDERSON, MATTHEW	
GUTTENBERG, ROBERT G.	2,992,993	HAMRICK, DANIEL	2,991,484	HAY	2,992,175
HA, NINA	2,985,769	HAN, YONGXIN	2,992,317	HERAEUS NOBLELIGHT	
HAAS, JULIA	2,992,586	HANADA, TOMOYUKI	2,992,536	GMBH	2,991,941
HABETS, EMANUEL	2,992,958	HANAN, JAY CLARKE	2,992,669	HERFELNER, THOMAS	2,992,150
HACH, HARALD	2,992,722	HANAN, JAY CLARKE	2,992,816	HERLITZIUS, THOMAS	2,991,545
HACHICHA, KHALIL	2,991,571	HANAUER, GUIDO	2,992,796	HERMANT, MARIE-CLAIRE	2,991,802
HAFNER, JENS	2,992,135	HANCOCK, CHRISTOPHER		HERMIE, MARINA JOZEFA	2,992,114
HAGGERTY, JOSHUA	2,990,638	PAUL	2,991,841	HERRENKNECHT AG	2,992,503
HAIKARAINEN, ANSSI	2,985,400	HANCOCK, VALERIE R.	2,990,011	HERT, JEROME	2,992,889
HAINES, JASON A.	2,992,737	HANNegan, DON M.	2,993,003	HERZ, ANDREAS	2,992,659
HAIJMASAN, GHEORGHE- FLORIN	2,990,313	HANNEMANN, FRANK	2,992,650	HERZOG, OLIVER	2,992,050
HALLIOVIC, ENSAR	2,992,221	HANSEN, OLAF	2,992,279	HESS, JOE ELI	2,992,437
HALL, LEE J.	2,992,554	HANSES		HETLAND, JONATHAN M.	2,992,843
HALL, RICHARD	2,992,169	SAGEWERKSTECHNIK		HEYDARPOUR, RAMIN	2,992,852
HALLER, LIRAN YOSEF	2,992,434	GMBH & CO. KG	2,992,132	HICKS, TIMOTHY J.	2,992,595
HALLER, LIRAN YOSEF	2,992,447	HANSES, JOSEF	2,992,132	HILDRETH, GARY CHARLES	2,992,592
HALLIBURTON ENERGY SERVICES, INC.	2,989,106	HANSON, KENNETH H., III	2,992,486	HILL, PRESTON	2,992,595
HALLIBURTON ENERGY SERVICES, INC.	2,989,302	HANZLICEK, KATHRYN	2,992,594	HILL, ROBERT	2,990,638
HALLIBURTON ENERGY SERVICES, INC.	2,991,566	HARADA, TASUKU	2,992,407	HILLGREN, MIKAEL	2,992,728
HALLIBURTON ENERGY SERVICES, INC.	2,991,701	HARALDSSON, CHRISTINA	2,991,658	HILPERT, HANS	2,992,926
HALLIBURTON ENERGY SERVICES, INC.	2,991,778	HARIMA CHEMICALS, INC.	2,992,541	HILTI	
HALLIBURTON ENERGY SERVICES, INC.	2,991,780	HARIMA CHEMICALS, INCORPORATED	2,992,401	AKTIENGESSELLSCHAFT	2,992,818
HALLIBURTON ENERGY SERVICES, INC.	2,992,013	HARRIS, CHAD TYLER	2,992,163	HINDEN-KUHLES, NATALIE	2,992,601
HALLIBURTON ENERGY SERVICES, INC.	2,992,014	HARRIS, MARK	2,991,644	HINING, IRA	2,992,656
HALLIBURTON ENERGY SERVICES, INC.	2,992,175	HARRIS, PHILIP ANTHONY	2,986,102	HIP INNOVATION TECHNOLOGY, LLC	2,992,548
HALLIBURTON ENERGY SERVICES, INC.	2,992,273	HARRO HOFLIGER		HIP INNOVATION TECHNOLOGY, LLC	2,992,582
HALLIBURTON ENERGY SERVICES, INC.	2,992,436	VERPACKUNGSMASCHI NEN GMBH	2,992,325	HIP INNOVATION TECHNOLOGY, LLC	2,992,583
HALLIBURTON ENERGY SERVICES, INC.	2,992,437	HARSCO TECHNOLOGIES LLC	2,991,754	HIP INNOVATION TECHNOLOGY, LLC	2,992,584
HALLIBURTON ENERGY SERVICES, INC.	2,992,440	HART, JOHN S.	2,991,490	HIP INNOVATION TECHNOLOGY, LLC	2,992,585
HALLIBURTON ENERGY SERVICES, INC.	2,992,553	HARTMANN, MARCUS WOLF WILLIAM	2,992,918	HIP INNOVATION TECHNOLOGY, LLC	2,992,903
HALLIBURTON ENERGY SERVICES, INC.	2,992,554	HARTUNG, INGO	2,992,960	HIRATANI, TATSUHIKO	2,992,966
HALLIBURTON ENERGY SERVICES, INC.	2,992,556	HARVEST INTERNATIONAL, INC.	2,992,277	HIRONO, YUTARO	2,992,410
HALLIBURTON ENERGY SERVICES, INC.	2,992,704	HARVEST INTERNATIONAL, INC.	2,992,281	HIYOSHI, RYOUSUKE	2,993,039
HALLIBURTON ENERGY SERVICES, INC.	2,992,709	HARVEY, JOHN	2,992,308	HJ SCIENCE & TECHNOLOGY, INC.	2,992,434
HALLIBURTON ENERGY SERVICES, INC.	2,992,710	HARVEY, TIMOTHY N.	2,992,556	HJ SCIENCE & TECHNOLOGY, INC.	2,992,447
HALLIBURTON ENERGY SERVICES, INC.	2,992,711	HARWICK, JAMES A. II.	2,993,012	HOCHBERG, ABRAHAM	2,984,879
HALLIBURTON ENERGY SERVICES, INC.	2,992,881	HASAN, JAFAR S.	2,992,566	HOCKING, MATTHEW	2,990,751
HALLIBURTON ENERGY SERVICES, INC.	2,992,882	HAUPTS, ULRICH	2,991,812	HODGE, ROBERT F.	2,991,687
HALLORAN, DANIEL J.	2,991,751	HAYDON, JANELLE	2,991,814	HOFFMANN, PATRICK	2,991,607
		HAYTER, GARY ALAN	2,991,716	HOFFMANN, PATRICK	2,991,672
		HAZAMA, MASATOSHI	2,992,796	HOFFMEINZ, RALF	2,992,375
		HEADSENSE MEDICAL LTD.	2,992,961	HOFMANN, MARKO	2,991,941
		HECK, JOHANNA	2,991,941	HOKE, STEVE HAMILTON	2,991,792
		HEERES, REINIER	2,993,006	HOLLANDER, DAVID A.	2,991,767
		HEGDAHL, ANNA M.	2,991,762	HOLLOWAY, GEORGE LEON	2,992,476
		HELBERT, ANNE-LAURE	2,992,271	HOLMES, BRIAN WILLIAM	2,991,954
		HELFRICH, PETRA	2,992,960	HOLMES, BRIAN WILLIAM	2,991,956
		HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH)	2,991,817	HOLMES, BRIAN WILLIAM	2,991,958
		HEMLING, THOMAS C.	2,991,407	HOLMES, BRIAN WILLIAM	2,991,959
		HEMMATI, HOUMAN D.	2,991,767	HOLMES, BRIAN WILLIAM	2,991,962
				HOLZWEBER, MARIA ELISABETH	2,992,587
				HOMMA, MASATOSHI	2,992,830
				HONDMANN, DIRK	2,991,935

Index of PCT Applications Entering the National Phase

HONG, MEI FENG	2,991,768	INATHERYS	2,992,509	IULIU HATEGANU	
HONG, WEI	2,992,600	INDERBITZIN, BRUNO	2,991,802	UNIVERSITY OF	
HONG, WON BIN	2,985,167	INFLECTIS BIOSCIENCE	2,992,674	MEDICINE AND	
HOOWAKI, LLC	2,992,725	INGENICO GROUP	2,989,945	PHARMACY	2,992,879
HORIZON ORPHAN LLC	2,992,033	INGRAM, AARON N.	2,992,500	IVD MINING	2,992,833
HORN, DANIEL	2,992,172	INHIBRX LP	2,992,298	IZNAGA ESCOBAR,	
HORN-SPIROHN, THOMAS	2,992,221	INIT INNOVATIVE		NORMANDO E.	2,992,375
HORNBERGER, TIMOTHY G.	2,961,846	INFORMATIKANWENDU		JAAFAR, LEILA	2,992,041
HORRELL, MICHAEL	2,990,010	NGEN IN TRANSPORT-		JACCARD, DOMINIQUE	2,991,593
HOSSE, RALF	2,992,863	VERKEHRS- UND		JACKSON, JOHN	2,992,481
HOSSE, RALF	2,992,900	LEITSYSTEMEN GMBH	2,989,911	JACKSON, STEPHEN	2,992,926
HOSSEINI, ALISTER	2,991,522	INNOCIMAB PTE LTD	2,992,375	JACKSON, STEWART	2,992,745
HOWARD, DAVID	2,992,448	INNOVEX THERAPEUTICS,		JACOBS, PAUL	2,992,062
HOY, ROBERT W.	2,991,756	S.L.	2,992,639	JACOBSEN, KIRSTINE	2,991,805
HSU, KENNETH C.	2,992,974	INOUE, KOSUKE	2,992,401	JAIN, VINAY	2,986,188
HU, TAISHAN	2,992,926	INOUE, TATSUO	2,992,968	JAMES, NICOLE	2,990,952
HU, YUANDONG	2,992,317	INSERM (INSTITUT		JAMES, TIMOTHY DENIS	2,987,417
HUANG, DANIEL	2,992,171	NATIONAL DE LA SANTE		JAMISON, DALE E.	2,992,556
HUANG, JIANGQING	2,992,539	ET DE LA RECHERCHE		JAMPANI, KRISHNAM RAJU	2,992,793
HUANG, XIAODONG	2,992,720	MEDICALE)	2,991,469	JANG, JAEBONG	2,991,645
HUANG, XIAOYI	2,992,631	INSERM (INSTITUT		JANNE, PASI	2,991,645
HUANG, ZHONGDONG	2,992,324	NATIONAL DE LA SANTE		JANOT, CYRIL	2,989,945
HUAWEI TECHNOLOGIES		ET DE LA RECHERCHE		JANSEN, PETER PAUL	2,992,369
CO., LTD.	2,992,630	MEDICALE)	2,992,377	JANSEN, PETER PAUL	2,992,676
HUBBELL INCORPORATED	2,990,024	INSTITUCIO CATALANA DE		JANSON, JAN CHRISTER	2,992,315
HUBERT, OLIVIER	2,992,271	RECERCA I ESTUDIS		JANSSEN PHARMACEUTICA	
HUBNER, THOMAS	2,992,508	AVANCATS	2,992,639	NV	2,991,765
HUCKNALL, ANGUS	2,993,002	INSTITUT DE RECERCA		JANSSEN PHARMACEUTICA	
HUETZ, RONNY	2,991,521	BIOMEDICA DE LLEIDA		NV	2,992,688
HUGHES, MIKE	2,992,738	FUNDACIO DR PIFARRE	2,991,586	JANSSEN SCIENCES IRELAND	
HUGHES, RICHARD JOHN	2,991,785	INSTITUT GUSTAVE-ROUSSY	2,992,161	UC	2,986,326
HUGUET, CHRYSTEL	2,990,173	INSTITUT JEAN GODINOT	2,991,469	JANSSEN SCIENCES IRELAND	
HULME, GARY B.	2,992,438	INSTITUT NATIONAL DE LA		UC	2,986,331
HULSEMAN, CARL L.	2,992,725	SANTE ET DE LA		JANSSEN VACCINES &	
HULSEMAN, RALPH A.	2,992,725	RECHERCHE MEDICALE	2,991,000	PREVENTION B.V.	2,991,540
HUMAN, NEILL	2,990,344	INSTITUT PASTEUR	2,992,161	JAPAN TOBACCO INC.	2,992,410
HUNTINGTON, RICHARD A.	2,991,938	INSTITUT POLYTECHNIQUE		JARVINEN, TEEMU	2,992,166
HUNTINGTON, RICHARD A.	2,991,940	BORDEAUX	2,991,274	JAYASANKAR, ADIVARAH	2,992,722
HUNZIKER, DANIEL	2,992,889	INSTITUTE OF GENETICS		JEANSON, TIFFANY	2,992,162
HURLIN, JORG	2,991,603	AND DEVELOPMENTAL		JEBLICK, CHRISTOPHER	2,992,588
HURT, ELAINE MARIE	2,992,091	BIOLOGY CHINESE		JEFFERY, MARK JOHN	2,992,628
HUSSAIN, ABRAHIM	2,992,298	ACADEMY OF SCIENCES	2,992,799	JELICIC, MIRO	2,992,851
HUSSAIN, SHAUN A.	2,992,427	INTERSECTIVE PTY LTD	2,990,952	JELKEN, SHANNON E.	2,991,531
HYDRILL COMPANY	2,992,625	INTERVET INTERNATIONAL		JENIVISION INC.	2,992,483
HYUUGAJI, SATOSHI	2,992,964	B.V.	2,992,695	JENSEN, ERIK C.	2,992,434
I SONIC MEDICAL		INTEVAC, INC.	2,992,730	JENSEN, ERIK C.	2,992,447
CORPORATION, S.A.S.	2,991,731	INTRAFUSE, LLC	2,991,756	JEONG, JAE U.	2,986,102
IACHINI, GIANLUCA	2,990,138	INVENTIA LIFE SCIENCE PTY		JESCH, NORMAN L.	2,992,467
ICHIKAWA, KAZUYA	2,992,401	LTD	2,992,811	JFE STEEL CORPORATION	2,992,966
ICONTROL NETWORKS, INC.	2,992,429	INVENTIO AG	2,992,165	JIA, QI	2,991,768
IIF ENERGIES NOUVELLES	2,992,691	INVENTIO AG	2,992,963	JIANG, LIANG	2,993,006
IGLAUER, OLIVER	2,992,685	IPRA TECHNOLOGIES LTD		JIANG, YING-PING	2,992,539
IHNE, JOERG	2,992,530	OY	2,992,928	JIANG, YUTONG	2,992,586
IKEDA, KAZUKI	2,992,401	IPSEN BIOPHARM LTD.	2,992,789	JIAO, HONG	2,992,434
ILIESCU, VLAD	2,990,136	IRMAK, BARIS	2,992,665	JIAO, HONG	2,992,447
ILLUMINA, INC.	2,992,597	ISACSON, OLE	2,985,235	JIAO, PING	2,991,768
ILYAS, RIKRIK ASYAH	2,992,375	ISBELI, SARA LOUISE	2,992,033	JIN, JING	2,989,940
IMFLUX INC.	2,992,486	ISCAR LTD.	2,992,527	JIN, SHENGMAN	2,992,580
IMI, ATTILIO	2,992,416	ISIMS LLC	2,992,268	JOBSAFE SYSTEMS INC.	2,992,896
IMMATIC'S		ISO, KAZUHIRO	2,992,964	JOHNSON & JOHNSON	
BIOTECHNOLOGIES		ITO, HIROKI	2,991,992	CONSUMER INC.	2,990,187
GMBH	2,992,506			JOHNSON, JAMIE L.	2,992,579
IMMUNOGEN, INC.	2,992,082			JOKEY PLASTIK	
INA, MARIA	2,992,554			WIPPERFUERTH GMBH	2,992,814

Index des demandes PCT entrant en phase nationale

JONES, CHRISTOPHER	2,991,778	KAWRYKOW, IWAN	2,992,992	KLEINSCHMIDT, MARTIN	2,992,386
JONES, DAVID GREGORY	2,992,304	KCI LICENSING, INC.	2,990,638	KLICHINSKY, MICHAEL	2,992,742
JONES, FRANK	2,991,644	KCI LICENSING, INC.	2,991,955	KLINE, BRET	2,993,020
JONES, KYLE S.	2,992,298	KEARNS, MATTHEW R.	2,992,560	KLINGNER, MATTHIAS	2,992,160
JONES, NOLAN C.	2,991,591	KEEN, JARRETT	2,991,835	KLIFFER, REINHOLD	2,992,810
JONES, PATRICK	2,990,411	KELLER, ANDREAS	2,991,666	KLOCK, CASEY A.	2,992,134
JORDAN, MARTIN	2,991,798	KELLER, ANDREAS	2,991,670	KLOOTWIJK, JOHAN	
JORDAN, MARTIN	2,991,800	KELLER, ANDREAS	2,991,671	LIENDRIK	2,992,804
JOSEPH, STEPHEN C. P.	2,991,762	KELLER, ANDREAS	2,992,795	KNEBA, MICHAEL	2,992,375
JOSEPHSON, DAVE	2,992,805	KELLER, ANDREAS	2,992,828	KNIESEL, CLAUDIA	2,992,385
JOSHI, MAHENDRA L.	2,992,284	KELLUM, JOHN ALSTON	2,991,912	KNIGHT, PETER	2,992,287
JOSHI, SHRADHA	2,986,188	KENOWSKI, MICHAEL A.	2,992,977	KNOCKAERT, PIERRE	
JOSLYN, ARTHUR	2,992,594	KENSCH, OLIVER	2,990,300	CLAUDE VICTOR	2,992,815
JOUY, BAPTISTE MARIE		KENSCHER, YVES	2,990,174	KNORR-BREMSE SYSTEME	
AUBIN PIERRE	2,991,740	KEPPLINGER, DIETMAR	2,990,891	FUR NUTZFahrzeuge	
JOVE FONT, MARIONA	2,991,586	KEPPLINGER, SARA	2,990,891	GMBH	2,992,160
JOWETT, ROBIN ERIC		KERKHOFF, ANDREA	2,992,375	KNOX, HOWARD T.	2,992,564
NICHOLAS	2,992,605	KEULEERS, ROBBY RENILDE		KO, AMANDA ANNE	2,992,033
JSR CORPORATION	2,992,964	FRANCOIS	2,992,114	KOBASHI, YUJI	2,992,244
JSR LIFE SCIENCES		KEUSSEYAN, LEVON PIERRE	2,992,976	KOBAYASHI, TOSHITAKE	2,985,325
CORPORATION	2,992,964	KHALAJ, STEVE	2,992,974	KOBYLEWSKI, GARY M.	2,992,566
JUN, PAUL	2,992,974	KHALDI, NORA	2,992,378	KOCH AGRONOMIC	
JUNE, CARL H.	2,992,742	KHALDI, NORA	2,992,382	SERVICES, LLC	2,992,028
JUNE, CARL H.	2,992,551	KHALDI, NORA	2,992,389	KOCH-GLITSCH, LP	2,991,575
JUNG, JAEMYEONG	2,992,480	KHAN, AMER	2,992,567	KOCH-GLITSCH, LP	2,991,745
JUNG, JAEMYEONG	2,992,492	KHATTAK, AYUB	2,992,596	KOCHINLEIN, WOLFGANG	2,992,420
JUNG, MARCO	2,991,545	KHD HUMBOLDT WEDAG		KOELLING, BRYAN	2,992,733
JUNG, MYUNG-EUN	2,990,370	GMBH	2,992,355	KOELLING, BRYAN	2,992,735
JUNUTULA, JAGATH R.	2,992,539	KHORIakov, VITALY	2,992,711	KOELLING, FRED	2,992,733
JURANITCH, JOHN R.	2,992,729	KIESWETTER, KRISTINE M.	2,990,638	KOELLING, FRED	2,992,735
JURANITCH, JOSEPH C.	2,992,729	KILFROST GROUP PLC	2,991,682	KOENIG, PATRICK	2,992,602
JURETICH, JEFFERY T.	2,992,707	KIM, DOO-YOUNG	2,985,778	KOHIL, JEFFREY TODD	2,991,629
JUSSILA, JUKKA-PEKKA	2,992,928	KIM, HEUNG-MOOK	2,989,155	KOKKALARIAS,	
K-FEE SYSTEM GMBH	2,992,365	KIM, IL HYANG	2,985,769	KONSTANTINOS	2,991,817
KABUSHIKI KAISHA NIHON		KIM, IN JONG	2,992,839	KOLAKOWSKI, GABRIELLE R.	2,992,586
MICRONICS	2,992,808	KIM, JUNG HEE	2,985,778	KOLCZEWSKI, SABINE	2,992,926
KABUSHIKI KAISHA NIHON		KIM, NAK HYUN	2,985,167	KOLLER, CHRISTIANE	2,992,352
MICRONICS	2,992,968	KIM, SEONGHWAN	2,992,613	KOMANDURI, RAVI KUMAR	2,992,887
KAGEYAMA, KAZUHIRO	2,992,838	KING, BRYAN W.	2,986,102	KOMATSU LTD.	2,958,965
KAHN, JOHANNA	2,991,944	KING, CHRISTOPHER		KOMATSU LTD.	2,992,244
KAINTZ, CORNELIA	2,992,376	STEPHEN	2,992,562	KON, ADRIAAN DIRK	2,992,369
KAMATH, RAJESH	2,992,136	KING, JAYSON	2,992,524	KONINKLIJKE DOUWE	
KANDAVILLI, SATEESH	2,992,107	KING, STEPHEN W.	2,991,702	EGBERTS B.V.	2,990,766
KANE, PRASAD LAXMAN	2,991,568	KINNEY, ANTHONY J.	2,992,488	KONINKLIJKE DOUWE	
KANG, MICHAEL J.	2,992,454	KINSCHERF, KEVIN	2,991,917	EGBERTS B.V.	2,990,768
KANNWISCHER, WILFRIED	2,992,041	KIRSCH, MARTIN	2,992,045	KONINKLIJKE DOUWE	
KAPCHIE, VIRGINIE	2,991,816	KISHAWI, EYAD	2,992,992	EGBERTS B.V.	2,990,769
KAPLAN HAILION, EREZ	2,991,423	KISIEL, JOHN B.	2,992,790	KONKEL, ANNE	2,992,825
KAPLAN, GILLA	2,991,529	KITAJIMA, YUICHI	2,992,540	KONTOMARIS,	
KARAJIC, ALEKSANDAR	2,991,274	KITAMOTO, NAOMI	2,985,325	KONSTANTINOS	2,990,960
KARIM, KARIM S.	2,992,575	KIZAKI, NAOYA	2,992,540	KOOP, BERND	2,992,810
KARL LEIBINGER		KLAUS, FRANK GEORG	2,991,806	KOOPMAN, LOUISE	2,991,805
MEDIZINTECHNIK GMBH		KLEE, JOACHIME	2,992,513	KOOPS, ARNE	2,992,650
& CO. KG	2,992,670	KLEEMAN, ALEX	2,992,251	KOPP, CARINA	2,992,420
KARLSEN, MARIUS	2,992,905	KLEIN, CHRISTIAN	2,992,797	KOREA RESEARCH	
KARLSRUHER INSTITUT FUR		KLEIN, CHRISTIAN	2,992,853	INSTITUTE OF	
TECHNOLOGIE	2,991,942	KLEIN, CHRISTIAN	2,992,863	BIOSCIENCE AND	
KASK, PEET	2,990,155	KLEIN, CHRISTIAN	2,992,900	BIOTECHNOLOGY	2,985,778
KASS, ALEX F.	2,992,843	KLEIN, EKKEHARDT	2,992,959	KOROSI, VIKTORIA	2,992,601
KATO, TAISUKE	2,985,325	KLEIN, KONRAD	2,991,659	KOSYNNIN, DMITRY	2,992,264
KAUNAS UNIVERSITY OF		KLEIN, MARCEL	2,992,395	KOURTIS, IRAKLIS	2,992,438
TECHNOLOGY	2,991,001	KLEIN, MARCEL	2,992,398	KRATOCHVIL, STEFAN	2,992,798
KAVALLARIS, MARIA	2,992,811	KLEIN, THEODORE M.	2,992,488	KRATSCHMER, MICHAEL	2,988,645
KAWALEKAR, OMKAR U.	2,992,551	KLEINJANS, ANNIKA	2,992,420	KRAUSE, OLIVER	2,992,160

Index of PCT Applications Entering the National Phase

KRISHNAMURTHY, JAI	2,991,789	LATIOLAIS, BURNEY	2,992,656	LIANYUNGANG RUNZHONG	
KROCHAK, DARRYL	2,992,636	LATTERMAN, SUE ANN	2,991,596	PHARMACEUTICAL CO.,	
KROKER, JORG	2,992,848	LAUFENBERG, PHILIPP	2,990,952	LTD.	2,992,317
KROLL, CARSTEN	2,992,926	LAUNAY, PIERRE	2,992,509	LICHENSTEIN, HENRI	2,991,779
KRONOPLUS TECHNICAL AG	2,992,528	LAUR, AUSTEN	2,992,448	LIDDLE, JOHN	2,986,199
KRSTENANSKY, JOHN	2,992,576	LAVAUD, CYRIL	2,991,574	LIEBETRAU, JUDITH	2,990,891
KRUEGER INTERNATIONAL,		LAWSON, EDWARD CHARLES	2,992,688	LIFE TECHNOLOGIES	
INC.	2,961,846	LAZARO MALLIN, ELISABET	2,992,354	CORPORATION	2,992,096
KRUGER, MARC	2,992,365	LAZIER, COLIN LAIRD	2,990,735	LIFKE, VALERIA	2,992,853
KUANG, CHIENZHONG	2,991,935	LEBLANC, MICHAEL JUDE	2,991,792	LIGOURE, CHRISTIAN	2,992,119
KUCH, FABIAN	2,988,645	LEE, CHANGSIK	2,985,769	LIM, BO-MI	2,989,155
KUIJOH, TAKUO	2,992,968	LEE, CHINGWEI VIVIAN	2,992,602	LIN, JERRY	2,990,018
KUEHNE, HOLGER	2,992,889	LEE, HYEONG KYU	2,985,778	LIN, JIN-JIE	2,991,744
KUFRER, PETER	2,991,672	LEE, HYUN-JUN	2,985,778	LIN, KENNETH	2,992,852
KUHN, ALEXANDER	2,991,274	LEE, JAE-YOUNG	2,989,155	LIN, YI AN	2,991,442
KUMAR, BHUVNESH	2,992,019	LEE, JAEKWANG	2,985,769	LINDA, ONDREJ	2,992,997
KUMPULAINEN, ESA	2,985,400	LEE, JAMES A	2,990,751	LINDAUER DORNIER	
KUROKI, KAZUYOSHI	2,989,284	LEE, JIN-KYUNG	2,990,370	GESELLSCHAFT MIT	
KUSIEK, JORDAN RICHARD	2,985,357	LEE, KYU-HYUN	2,990,370	BESCHRANKTER	
KUSTERS, KAREL ANTONIUS	2,991,654	LEE, SU UI	2,985,778	HAFTUNG	2,992,659
KVERNELAND GROUP		LEE, YONG UK	2,985,167	LINDE	
RAVENNA S.R.L.	2,992,388	LEESE, BEAU	2,990,952	AKTIENGESellschaft	2,992,959
KWOK, LISA	2,992,597	LEFAIT, HUGUES	2,991,593	LINDNER, ALBRECHT	
KWON, OK-KYOUNG	2,985,778	LEGIC IDENTSYSTEMS AG	2,989,255	JOHANNES	2,992,598
KWON, SUN-HYOUNG	2,989,155	LEHANE, JAMES J.	2,991,753	LINGAMNENI, ANANTH	2,992,997
KYEREMATENG, SAMUEL	2,992,722	LEHAR, JOSEPH	2,992,221	LINK, HELMUT D.	2,991,536
L'AIR LIQUIDE, SOCIETE		LEHNERT, SUSANNE	2,992,588	LIU, JING-PING	2,992,981
ANONYME POUR		LEHNHOFF, KAREN	2,991,792	LIU, JING-PING	2,993,022
L'ETUDE ET		LENHART, TAD EDWARD	2,961,846	LISTER, ADAM	2,991,957
L'EXPLOITATION DES		LENSIO PTY LTD	2,992,605	LITTICH, RYAN	2,992,011
PROCEDES GEORGES		LEONARD, JED P.	2,992,843	LIU, BO	2,992,317
CLAUDE	2,992,626	LEPENDRIE, ADELINE	2,992,149	LIU, BRYAN YANWEN	2,991,944
LA-Z-BOY INCORPORATED	2,992,285	LEPPKES, HANS	2,992,798	LIU, CHAO YAN	2,992,096
LABORATORIOS DEL DR.		LERCHEN, HANS-GEORG	2,990,300	LIU, DAN	2,992,499
ESTEVE, S.A.	2,991,937	LERCHEN, HANS-GEORG	2,990,411	LIU, DONG	2,992,849
LABORATORIOS DEL DR.		LESSING, JOSHUA AARON	2,992,555	LIU, HAIBIN	2,992,842
ESTEVE, S.A.	2,992,054	LETAI, FRANCOIS	2,991,737	LIU, JINGPING	2,992,732
LACHAT, REMY	2,990,738	LETAI, FRANCOIS	2,992,535	LIU, LEI	2,992,844
LAGUNA, GEMMA ASIN	2,990,011	LETAVIC, MICHAEL A.	2,991,765	LIU, LIANG	2,992,914
LAITRAM, L.L.C.	2,992,595	LETZELTER, NATHALIE		LUCA, MEVZAD	2,992,568
LAITRAM, L.L.C.	2,992,993	SOPHIE	2,992,257	LUCA, MEVZAD	2,992,574
LAM THERAPEUTICS, INC.	2,991,779	LEUILLIER, GREGORY	2,991,549	LORENTE-FERNANDEZ,	
LAM, STEVEN	2,993,007	LEUNG, EMI	2,990,427	ANA VIRGINIA	2,991,937
LAM, WILLIAM Y.	2,991,769	LEVEAUX, MARC HENRI		LM WP PATENT HOLDING A/S	2,992,633
LAM, WILLIAM Y.	2,991,782	ANDRE	2,992,815	LM WP PATENT HOLDING A/S	2,992,634
LAM, WILLIAM Y.	2,991,787	LEVI, TAMIR S.	2,992,569	LOAR, GRAYDON E.	2,992,010
LAM, WILLIAM Y.	2,991,788	LEVIN, JACOB M.	2,992,134	LOCHAN, GAURAV	2,991,026
LAMPE, ULRICH	2,992,513	LEVINE, BRUCE L.	2,992,551	LOCKDOWEL, INC.	2,992,733
LAN, ZHOU	2,992,630	LEVINSKY, ALEXANDRA	2,992,961	LOCKDOWEL, INC.	2,992,735
LANDER, UTE	2,992,722	LEVITSKI, VIKTOR	2,992,853	LOCKE, CHRISTOPHER	
LANDRETTE, SEAN	2,991,779	LEVITSKI, VIKTOR	2,992,863	BRIAN	2,991,955
LANGE, GERRIT	2,992,644	LEVITSKI, VIKTOR	2,992,900	LOEPFRIH, MIKE	2,992,814
LANGEDIJK, JOHANNES	2,991,540	LEWIS, DAVID A.	2,992,489	LOEWEN, ERIC PAUL	2,992,976
LANGNER, MARTIN	2,991,521	LEWIS, SAMUEL	2,992,553	LOFELT GMBH	2,991,676
LANGSTON, ALAN	2,993,020	LI, FUMING B.	2,991,489	LOFTSSON, THORSTEINN	2,986,297
LANKE, SANJAY	2,986,188	LI, SHANSHAN	2,992,579	LOISON, SYLVIE	2,990,173
LANTZ, JEAN-SEBASTIEN	2,991,653	LI, YANCHUN	2,992,630	LOMA LINDA UNIVERSITY	2,992,576
LANXESS DEUTSCHLAND		LI, YISHAN	2,992,324	LOMBARD, ANTHONY	2,992,958
GMBH	2,992,810	LI, YUNBO	2,992,630	LONDON, ELISHA	2,991,944
LAPOINTE, LARRY P.	2,992,285	LI, ZHAO	2,992,914	LONDON, ELISHA	2,991,948
LAROCHE, CHRISTOPHE R.	2,991,702	LI, ZHIJIANG	2,991,624	LONG, JEROME	2,991,574
LARSSON, PER	2,990,156	LIANG, YANBIN	2,992,660	LONZA LTD	2,992,170
LASSNER, MICHAEL	2,992,488	LIANG, YANBIN	2,992,788	LOOP INDUSTRIES, INC.	2,991,515
LATHAM, GARY J.	2,992,616				

Index des demandes PCT entrant en phase nationale

LOPEZ DE MUNAIN ARREGI, ADOLFO JOSE	2,991,586	MAHER, HAMPTON BOONE	2,992,590	MAX DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN	2,992,825
LOPEZ HEREDIA, MARCO	2,991,000	MAHLERT, CHRISTOPH	2,990,300	MAYER, BENEDIKT	2,992,636
LOPEZ MORENO, JORGE	2,992,394	MAILLERT, CHRISTOPH	2,990,411	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2,992,790
LOPEZ ROBAYO, BYRON RAUL	2,992,387	MAHNE, DIRK	2,992,958	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2,992,991
LOPEZ, CYRIL	2,992,378	MAHONEY, DOUGLAS W.	2,992,790	MAYR-MELNHOF KARTON AG	2,992,383
LOPEZ, CYRIL	2,992,382	MAHURIN, ERIC	2,990,249	MCHRIE, KEVIN E.	2,992,488
LOPEZ, CYRIL	2,992,389	MAILLOUX, JERRY	2,992,793	MCCALLUM, IAN	2,992,141
LOS ALAMOS NATIONAL SECURITY, LLC	2,991,785	MAINWARING-BURTON, WILLIAM ROGER	2,990,766	MCCARTY, JOHN, A.	2,992,923
LOU, ZHUOMING	2,992,882	MAKI, RICHARD R.	2,992,843	MCCORMICK, MARK	2,991,489
LOUBIERE, DONNIE	2,992,172	MALBERG, ANDREAS	2,992,150	MCDANIEL, CATO RUSSELL	2,991,780
LOVE, MICHAEL	2,991,716	MALDONADO, YADILKA	2,991,948	MCDANIEL, CATO RUSSELL	2,992,556
LOVELADY, HEATHER	2,992,470	MALIE, ANDRE HUBERT LOUIS	2,991,435	MCDONALD, DUANE G.	2,992,259
LUBRIZOL ADVANCED MATERIALS, INC.	2,992,571	MALIVERNEY, CHRISTIAN	2,990,973	MCDONALD, DUANE G.	2,992,269
LUBRIZOL ADVANCED MATERIALS, INC.	2,992,713	MAMMELLA, MARCO	2,992,153	MCDONALD, DUANE G.	2,992,270
LUCAS, LAURA H.	2,991,792	MANAIAN, JOSEPH MICHAEL	2,992,568	MCDONALD, MICHAEL	2,992,511
LUCAS, STEPHEN H.	2,992,422	MANDELL, JEFFREY G.	2,992,597	MCDONALD, PAUL	2,992,420
LUEBBERS, THOMAS	2,992,889	MANGUM, JACOB S.	2,992,141	MCELHINNEY, ADAM	2,990,010
LUIGI LAVAZZA S.P.A.	2,968,809	MANN+HUMMEL GMBH	2,992,588	MCELWEE, JOSHUA	2,992,987
LUKACS, SANDOR	2,990,343	MANNEL, HENRICH	2,992,806	MCGUINNESS, LIAM	2,992,956
LUKASHEVICH, HANNA	2,990,891	MANNEY, THOMAS CHRISTOPHER	2,992,744	MCMAHON, ROBERT J.	2,991,935
LUMBROSO, ALEXANDRE FRANCO JEAN CAMILLE	2,992,374	MANO, NICOLAS	2,991,274	MCMANAWAY, MICHAEL C.	2,992,424
LUNZER, WALTER	2,992,907	MANSOUR, GEORGE M.	2,991,796	MCNAMEE, STEPHEN	2,991,687
LUO, BING	2,992,724	MANUS, LISA	2,992,631	MCNERNEY, GERALD J.	2,992,134
LUO, HONG	2,992,317	MAO, AN	2,992,887	MCPHERSON, CAMERON L.	2,992,725
LUO, TIAN	2,990,427	MARCELIS, LOUIS	2,992,663	MECHOULAM, RAPHAEL	2,992,494
LUOMA, AARON T.	2,992,843	MARCHAND, CORALIE	2,992,392	MEDESCIA LIMITED	2,992,803
LUTAS, ANDREI-VLAD	2,990,343	MAREQUE BUENO, JAVIER MAREQUE	2,992,354	MEDESIS PHARMA	2,991,574
LUTGRING, KETHI	2,992,656	MAREQUE	2,992,354	MEDIGENEBIO CORPORATION	2,990,370
LUZITIN, S.A.	2,985,187	MARIE-CARDINE, ANNE	2,991,469	MEDIMMUNE, LLC	2,992,091
LYON, JENNIFER LYNN	2,991,629	MARINOMED BIOTECH AG	2,992,352	MEDINOXX GMBH	2,992,135
LYSKE, JOSEPH MICHAEL WILLIAM	2,990,320	MARINOMED BIOTECH AG	2,992,376	MEERPOEL, LIEVEN	2,992,688
M&G USA CORPORATION	2,992,430	MARKOWSKI, MICHAEL	2,992,798	MEHRABANI, HOMAYUN	2,992,434
M&G USA CORPORATION	2,992,433	MARON, ZACHARY	2,991,606	MEHRABANI, HOMAYUN	2,992,447
M&G USA CORPORATION	2,992,435	MARRI, PRADIEP R.	2,992,658	MEHROTRA, DEVAN V.	2,992,987
M-I L.L.C.	2,991,581	MARSCH, STEPHAN	2,990,411	MEIER, MICHAEL	2,988,645
MA, JUNQING	2,992,141	MARSHALL, AARON	2,991,979	MEIER, THOMAS	2,992,396
MA, KAI	2,985,083	MARTEL, BERNARD	2,991,000	MEISSNER, SVEN	2,991,603
MA, KAI	2,985,126	MARTIN, DARYL JOSEPH	2,992,793	MELNIHORST, JAN J.	2,992,551
MABANDE, EDWIN	2,992,958	MARTIN, EVAN R.	2,990,024	MELINIOTIS, ANDREAS	2,992,956
MACDONALD, DWIGHT	2,992,926	MARTIN, RAINER E.	2,992,889	MEMORIAL SLOAN KETTERING CANCER CENTER	2,985,126
MACDONALD, STEVEN	2,992,548	MARTURANA, LUCA	2,990,405	MENDES, EMANUEL	2,992,683
MACHADO AMORIM, TIAGO	2,990,366	MARTZ, MIKE	2,992,588	MENDOZA, CARLIE	2,985,083
MACHADO AMORIM, TIAGO	2,991,548	MARX, RYAN E.	2,992,203	MEPS REAL-TIME, INC.	2,990,420
MACHADO AMORIM, TIAGO	2,991,549	MASON, DAVID	2,989,987	MERCHANT, STEPHEN A.	2,991,781
MACIAS FERRA, JOAO MIGUEL	2,990,884	MASON, JONATHAN EDWARD	2,992,803	MERCK SHARP & DOHME CORP.	2,992,987
MACLEOD, DAVID ANTHONY	2,992,628	MASSEY, STEVEN MARC	2,992,622	MERRITT, CHRIS	2,992,480
MACPHEE, DONALD	2,989,971	MATEO, JULIEN	2,992,294	MERRITT, CHRIS	2,992,492
MAGIN, MATHIAS	2,992,383	MATHOT, FREDERIC	2,992,922	MERROUCHE, YACINE	2,991,469
MAGNESS, CAMERON D.	2,992,558	MATSUMOTO, SATOSHI	2,958,965	MERZOUGUI, BELABBES	2,991,511
MAGNY, BENOIT	2,990,174	MATSUO, HARUO	2,992,405		
MAGUIRE-BOYLE, SAMUEL JAMES	2,992,709	MATSUO, TAKANORI	2,992,796		
MAHADEVAN, RADIAKRISHNAN	2,992,794	MATTANOVICH, DIETHARD	2,992,170		
MAHAN, SUMAN	2,992,892	MATTEI, PATRIZIO	2,992,889		
MAHASUVERACHAI, SAK	2,990,692	MAUNDER, ADAM	2,993,017		
		MAUNDER, ADAM MITCHELL	2,992,507		
		MAUREL, JEAN-CLAUDE	2,991,574		

Index of PCT Applications Entering the National Phase

MESSINGER, BRIAN EDWARD	2,992,562	MOORMAN, CHRISTAAN JOHANNES MARIA	2,990,769	MYKHAYLOVA, NATALIYA	2,985,502
MESTRE, SANDRINE	2,992,591	MOR, ORI REFAEL	2,992,681	MYNTTI, MATTHEW F.	2,992,543
METAL CASTING TECHNOLOGY, INCORPORATED	2,992,604	MORGAN, ANDRIE MICHELLE	2,992,631	MYODOPA LIMITED	2,992,511
MEVAY, ALEX C.H.	2,992,621	MORGAN, BARBARA	2,992,571	MYRICK, SHANE WILLIAM	2,992,997
MEYER, STEFAN	2,991,941	MORGAN, BARBARA	2,992,713	MYUNG, DAVID	2,992,438
MEYER, YANN	2,990,738	MORITA, STUART	2,992,831	NA, SANG-KWON	2,990,801
MEYSING, MAREN	2,991,815	MORIYAMA, TOMOYUKI	2,958,965	NADA, JUN	2,992,141
MHETAR, VIJAY	2,992,719	MOROKUTTI-KURZ, MARTINA	2,992,352	NAGATO, YUSUKE	2,992,403
MICALI, SILVIO	2,992,661	MOROKUTTI-KURZ, MARTINA	2,992,376	NAGL, CHRISTOPH	2,992,959
MICHAELSON, JEFF	2,990,187	MORRIS, CHRISTOPHER	2,992,341	NAHMIA, OMER	2,992,681
MICHALIK, JOSEPH C.	2,992,604	MORRIS, MICHAEL D.	2,992,267	NAHRWOLD, ELISABETH	2,991,607
MICHAELKE, NORBERT	2,991,545	MORRIS, MICHAEL D.	2,992,269	NAHRWOLD, ELISABETH	2,991,672
MICHAU, PASCAL-DANIEL	2,992,664	MORRIS, PAUL A.	2,992,496	NAKAJIMA, HIROAKI	2,992,966
MICHAUT, ERWAN	2,989,985	MORRIS, STEVEN	2,991,841	NAKAO, KENICHIRO	2,992,407
MICHEL, YVES	2,992,528	MORTIMER, STEFANIE ANN WARD	2,993,019	NAKOWITSCH, SABINE	2,992,376
MICHELSON, NATALIE SARA	2,992,628	MOSER, SAMUEL	2,992,797	NANOBACTERIE	2,985,163
MIDIA, SANJEEV	2,991,792	MOSER, SAMUEL	2,992,900	NANOSTRING	2,992,480
MIELBRECHT, EMMET J.	2,991,744	MOSIER, PATRICK E.	2,993,016	TECHNOLOGIES, INC.	2,992,492
MIGUENS PEREIRA, MARIA	2,985,187	MOTTE, MAGALI	2,986,326	NARA, HIROSHI	2,985,325
MILBOCKER, MICHAEL	2,992,725	MADELEINE SIMONE	2,986,331	NARIS, MARIUS	2,992,722
MILENA-OLGA JOINT INNOVATION ASSETS B.V.	2,985,568	MOUNTAIN PARK MUSIC, INC.	2,992,361	NASH, JAMES WILSON	2,992,598
MILLER, MICHAEL LOUIS	2,992,082	MOUSAVI, PEDRAM	2,992,507	NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY	2,992,407
MILLER, SCOTT	2,992,739	MOUSAVI, PEDRAM	2,993,017	NAVARRO, ANTONIO	2,992,622
MILLS, GORDON	2,992,480	MOUSAVI, PEDRAM	2,993,021	NAVICKAS, ZENONAS	2,991,001
MILONE, MICHAEL C.	2,992,551	MOUTHON, FRANCK	2,992,162	NAVIGO PROTEINS GMBH	2,991,812
MIMETOGEN PHARMACEUTICALS, INC.	2,991,661	MOY, YORK	2,992,488	NAVIGO PROTEINS GMBH	2,991,814
MIN, BYONG JUN	2,992,613	MOYO, VICTOR	2,992,789	NAVIGO PROTEINS GMBH	2,991,815
MINIOU, PIERRE	2,992,082	MTD PRODUCTS INC	2,992,431	NAZAR, GABRIEL	2,992,993
MINZE NV	2,991,949	MUELLER INTERNATIONAL, LLC	2,993,043	NEAL, DANIEL	2,991,484
MIR, OLIVIER	2,992,161	MUELLER, CHRISTOF	2,992,530	NEGORO, NOBUYUKI	2,985,325
MISHRA, MADHAVI	2,992,539	MUELLER, MATTHIAS	2,991,545	NEIDHART, WERNER	2,992,889
MITANI, IKUO	2,992,410	MUELLER, THOMAS	2,992,722	NETTEMEIER, INGO	2,992,665
MITHALAL, ADRIEN	2,991,653	MUHN, DUSTIN P.	2,991,744	NELLORE, VENKATARAJA	2,992,603
MIZUMOTO, SHINSUKE	2,992,403	MUHR, ANAIS	2,991,798	NELSON, PAUL	2,992,596
MJN U.S. HOLDINGS LLC	2,991,935	MUHR, ANAIS	2,991,800	NEMMARA, HARIHARA V.	2,992,562
MJN U.S. HOLDINGS LLC	2,991,948	MUKHERJEE, SUBHENDU	2,992,406	NEMR, KAYLA	2,992,794
MJN U.S. HOLDINGS LLC	2,991,948	MUKHERJEE, SUBHENDU	2,992,408	NEOMED, INC.	2,992,500
MOENY, WILLIAM M.	2,992,273	MULCAHY, DANIEL JAMES	2,992,896	NERI, DARIO	2,992,366
MOESSNER, EKKHARD	2,992,797	MULTIMATIC INC.	2,992,561	NESTEC S.A.	2,991,593
MONDILLON, JULIEN	2,990,727	MUNIZ SIMAS, FERNANDO	2,992,833	NESTEC S.A.	2,991,816
MONEBRAKE, DAVID WESLEY	2,992,032	MORERA	2,992,833	NEUBAUER, MARTIN	2,992,641
MONFORTON, RANDAL J.	2,992,852	MUNIZ SIMAS, SILVIA	2,992,833	NEUGEBAUER, BERNHARD	2,988,645
MONSUL, NICHOLAS, T.	2,991,990	REGINA MAREGA	2,992,403	NEUHAUS, ROLAND	2,992,364
MONTANER TARIBES, SERGIO ROBERTO	2,992,639	MURAKAMI, TATSUYA	2,991,657	NEUHAUS, ROLAND	2,992,960
MONTANER, JOAN	2,992,343	MURISON, BRUCE DONALD PATRICK	2,992,284	NEUMANN, STEFAN	2,992,810
MONTTE, WILLIAM T.	2,992,724	MURPHY, RAYMOND	2,992,455	NEW NP GMBH	2,992,041
MONTGOMERY, WILLIE, III	2,992,603	MURPHY, RONALD P.	2,992,619	NEWELL, RAYMOND THORSON	2,991,785
MONTIJO, ANGELA CHRISTINE	2,992,977	MURPHY, RONALD R.	2,990,870	NEXT SCIENCE IP HOLDINGS PTY LTD	2,992,543
MONTOYA GONZALEZ, MARIA	2,992,639	MURRAH, CHARLES A.	2,992,625	NFONGUEM, GUSTAVE	2,990,136
MOOG INC.	2,991,751	MUTIS RUEDA, DAVID	2,992,892	NG, GORDON YIU KON	2,991,799
MOORE, BREANNA	2,991,768	MWANGI, DUNCAN	2,991,917	NG, JOSHUA	2,992,718
MOORES, GRAHAM	2,991,679	MYERS, CARL	2,992,595	NG, SHIAU	2,992,400
		MYERS, DAVID HERBERT	2,992,622	NGUYEN, DUY	2,992,960
		MYERS, JASON KENNETH	2,990,011	NGUYEN, MINITHY	2,991,944
		MYERS, RICK		NGUYEN, MINITHY	2,991,948
				NGUYEN, SON V.	2,992,569
				NGUYEN, TOMMY TIN	2,992,836

Index des demandes PCT entrant en phase nationale

NGUYEN-THIEN-NHON, DIANA	2,992,569	OBERMILLER, CONSTANZE	2,992,722	OYARZABAL	
NIAGARA BOTTLING, LLC	2,992,669	OCULIS EHF.	2,986,297	SANTAMARINA, JULIEN	2,992,846
NIAGARA BOTTLING, LLC	2,992,816	ODA, YOSHIHIKO	2,992,966	OZAKI, TOMONORI	2,992,244
NICHOLAS, BRAD	2,990,010	ODULINSKY, ANDRZEJ	2,992,362	PACHECO NEVES CARTEADO MENA, PEDRO MIGUEL	2,990,884
NICHOLSON, PAUL	2,992,287	OFEL, KIRK ANGUAN	2,991,658	PAGES, GILLES	2,992,377
NICOLE, MARCEL	2,992,963	OGASAWARA, JURI	2,992,968	PAGLIARDINI, JULIEN	2,992,148
NIEUWOUDT, IZAK	2,991,575	OGIWA, KAZUKI	2,992,412	PAGLIARDINI, JULIEN	2,992,149
NIEUWOUDT, IZAK	2,991,745	OH, SEI-RYANG	2,985,778	PAGONIS, TOM C.	2,992,454
NIPPON GAS CO., LTD.	2,992,415	OHNO, NAOKI	2,992,703	PAIVA, MARIA	2,992,881
NISHIRA, HIKARU	2,992,687	OKI, TAKAHIKO	2,992,405	PALARCA, WILLIAM	2,990,011
NISSAN MOTOR CO., LTD.	2,992,399	OKUBO, TOMOYUKI	2,992,966	PALFINGER AG	2,990,688
NISSAN MOTOR CO., LTD.	2,992,405	OKUMU, FRANKLIN	2,992,107	PALMER, NEIL	2,992,747
NISSAN MOTOR CO., LTD.	2,992,534	OLIVEIRA, LUCIANO BASTO	2,992,491	PAMPLONA GRAS, REINALDO	2,991,586
NISSAN MOTOR CO., LTD.	2,992,536	OLSON, MARC STEPHEN	2,990,018	PAN, SHIOW-LIN	2,992,981
NISSAN MOTOR CO., LTD.	2,992,687	OLSSON, ROGER	2,992,728	PANARESE, JOSEPH	2,992,839
NISSAN MOTOR CO., LTD.	2,992,838	OMEICOS THERAPEUTICS GMBH	2,992,825	PANDE, VINEET	2,992,688
NISSAN MOTOR CO., LTD.	2,992,967	OMER, MOHAMMAD	2,992,624	PANKNIN, OLAF	2,992,364
NISSAN MOTOR CO., LTD.	2,993,039	ONCOSCIENCE AG	2,992,375	PANKNIN, OLAF	2,992,960
NITTO DANKO CORPORATION	2,992,849	ONCOTRACKER, INC.	2,992,557	PAPAC, MICHAEL J.	2,992,701
NITULESCU, IOANA, ILINCA	2,985,203	ONDERZOEKSCENTRUM VOOR AANWENDING		PAPPAN, SURIK	2,992,961
NORBELPHARMA CO., LTD.	2,992,407	VAN STAAL N.V.	2,992,815	PARADE, MARCUS CORNELIS BERNARDUS	2,992,688
NODA, KAZUYUKI	2,992,830	OP DE BEECK, JEFF	2,992,062	CATHARINA	
NOLAN, DANIEL JOSEPH	2,993,014	OPTTECK, GREGORY J.	2,992,987	PARAMESWARAN, SATHIYAN	2,991,576
NOLAN, DANIEL JOSEPH	2,993,015	OPTIMEDICA COPORATION	2,991,490	PARDO, FREDERIC PHILIPPE JEAN-JACQUES	2,992,068
NOLAN, DAVID A.	2,991,495	OPTIMEDICA CORPORATION	2,991,479	PARK, BYUNG HA	2,985,167
NORAMCO, INC.	2,992,043	OR, YAT SUN	2,992,839	PARK, EDWIN CHONGWOO	2,992,965
NORDHOLT, JANE ELIZABETH	2,991,785	ORAM, NICOLE	2,992,601	PARK, HYE JIN	2,992,146
NORMAN, REBECCA ESTHER	2,992,489	ORGANES TISSUS REGENERATION		PARK, SIMON	2,992,613
NORRIS, DAVID ANDREW	2,992,848	REPARATION		PARK, SOON	2,991,796
NORTHEASTERN UNIVERSITY	2,992,502	REMPLACEMENT - OTR3	2,992,899	PARK, SUNG-IK	2,989,155
NOU-MEHLI, MOHAMED NABIL	2,991,511	ORION CORPORATION	2,985,400	PARK, YUNG HEE	2,985,235
NOVARTIS AG	2,992,171	ORION ENGINEERED CARBONS GMBH	2,992,172	PARKER-HANNIFIN CORPORATION	2,991,789
NOVARTIS AG	2,992,221	ORRICO, JAMES	2,992,566	PARKEY, DEWEY LAVONNE, JR.	2,992,284
NOVARTIS AG	2,992,551	ORTIZ-SUAREZ, MARIVI	2,991,606	PARREN, PAUL	2,991,805
NOVARTIS AG	2,992,701	OSAGAWA, KENTA	2,992,244	PARREN, PAUL	2,992,380
NOWAK, KELLY M.	2,942,890	OSKIN, CHRISTOPHER L.	2,992,854	PARTHASARTHY, NAVEEN KUMAR	2,992,658
NR ELECTRIC CO., LTD.	2,992,842	OSTERHOLM, ANNA M.	2,992,753	PATEL, MIHIR	2,992,312
NR ELECTRIC CO., LTD.	2,992,914	OTADUY TRISTAN, MIGUEL ANGEL	2,992,394	PATEL, MITUL KUMAR M.	2,986,188
NR ELECTRIC POWER ELECTRONICS CO., LTD.	2,992,842	OTTER PRODUCTS, LLC	2,992,558	PATEL, NIRAJ R.	2,991,576
NR ELECTRIC POWER ELECTRONICS CO., LTD.	2,992,914	OTTER PRODUCTS, LLC	2,992,579	PATEL, RADHIKA	2,992,523
NR ENGINEERING CO., LTD.	2,992,842	OTTO BOCK HEALTHCARE PRODUCTS GMBH	2,992,907	PATEL, VYOMA	2,992,631
NR ENGINEERING CO., LTD.	2,992,914	OTTO FUCHS - KOMMANDITGESELLSCHAFT	2,992,530	PATERSON, ALEXANDER JAMES	2,992,110
NUNHEIMS B.V.	2,992,153	OTTO, SASCHA	2,991,545	PATERSON, ALEXANDER JAMES	2,992,152
NUNN, JAMES K.B.	2,992,851	OUDEY, REEDA	2,992,532	PATERSON, ALEXANDER JAMES	2,992,157
NURITAS LIMITED	2,992,378	QUELLETTE, BENOIT	2,984,425	PATERSON, ALEXANDER JAMES	2,992,157
NURITAS LIMITED	2,992,382	OUSE, DAVID G.	2,992,844	PATIENTS PENDING LTD.	2,991,847
NURITAS LIMITED	2,992,389	OUT AND OUT CHEMISTRY S.P.R.L.	2,986,186	PAUL, DIPANJAN	2,991,576
NUVERA FUEL CELLS, LLC	2,991,624	OUTRAM, JOHN LEWIS	2,989,476	PAWLOWSKI, NIKOLAUS	2,990,411
NUVERA FUEL CELLS, LLC	2,991,626	OVERHOLTZER, MICHAEL	2,985,126	PEARL, MEGAN R.	2,992,881
NYARIBO, ERIC O.	2,991,762	OVERKAMP, FRIEDRICH	2,992,375	PEARL, WILLIAM CECIL JR.	2,992,881
O'CONNOR, RAYMOND M.	2,991,427	OXID THERAPEUTICS, INC.	2,992,734	PEARMAN, RICHARD	2,992,287
O'MAHONY, AIDAN PATRICK	2,992,811	OW, HOOISWENG	2,992,264	PELDERSEN, MICHAEL A.	2,992,302
O'MALLEY, JOHN	2,991,954	OW, HOOISWENG	2,992,266		
O'NEILL, NICHOLAS FRANCIS	2,992,976	OWUSU-ADOM, KWAME	2,992,028		
O'SULLIVAN, JAMES FRANCIS, JR.	2,992,984				
O'BENLAND, SIGRID	2,992,137				

Index of PCT Applications Entering the National Phase

PEDROSO, LUIZ ROBERTO MARTINS	2,992,491	PISKLAK, THOMAS JASON	2,992,553	QASIMI, ZOHIRA	2,990,011
PEEPER, DANIEL	2,991,805	PTERA, DOMINIC M.	2,991,762	QI, XUELE	2,992,284
PEET, JEFFREY H.	2,992,592	PIXELTEQ, INC.	2,992,470	QIU, JIN-LONG	2,992,799
PEK, JOHAN JAN BAREND	2,991,654	PLE, SOPHIE	2,992,373	QU, JINPING	2,992,957
PELISH, HENRY, EFREM	2,985,203	PLUQUET, VINCENT	2,990,727	QUALCOMM INCORPORATED	2,990,249
PELLATON, BERTRAND		PLUSS, MARCEL	2,989,255	QUALCOMM INCORPORATED	2,992,598
GUILLAUME ROBIN	2,991,740	PLUSS, PETER	2,989,255	QUALCOMM INCORPORATED	2,992,599
PENDERGAST, JOHN G.	2,991,702	POC MEDICAL SYSTEMS, INC.	2,991,470	QUALCOMM INCORPORATED	2,992,965
PENDZIALEK, JOCHEN	2,991,607	POCAS GONCALVES, JOSE		QUARANTA, LAURA	2,992,885
PENG, JIANPING	2,992,502	JOAQUIM	2,990,884	QUERE, ISABELLE	2,992,591
PENG, WEI	2,992,526	PODOLSKI, JAMES	2,991,712	QUET, PIERRE-FRANCOIS	2,991,626
PENG, YONG	2,992,317	POHJAKALLIO, ANTTI	2,985,400	QUITTET, MARIE-SOPHIE	2,992,899
PEPER, JANET	2,992,506	POHLMANN, TIM	2,992,061	QUORUM INNOVATIONS, LLC	2,991,990
PEPPERL+FUCHS GMBH	2,992,045	POHLMANN, TIM	2,992,064	RABAL, GRACIA, MARIA	
PEREIRA CARPIO, DAVID		POIRIER, MARIA	2,990,356	OBIDULIA	2,992,846
OTHONIEL	2,992,133	POLARIS INDUSTRIES INC.	2,992,843	RABOISSON, PIERRE JEAN-MARIE BERNARD	2,986,326
PEREIRA KAPCZINSKI, FLAVIO	2,992,494	POLKINHORNE, DAVID		RABOISSON, PIERRE JEAN-MARIE BERNARD	2,986,331
PEREIRA MONTEIRO, CARLOS JORGE	2,985,187	NICHOLAS	2,992,438	RACHUY, MARK ALLEN	2,991,531
PEREIRA NASCIMENTO COSTA, GONCALO	2,985,187	POLLAK, ANDREAS	2,992,959	RADEMAKER, RIK	2,992,380
PEREIRA, VITOR LOPES	2,992,704	POLLARD, BETTE SILVER	2,992,740	RADERMACHIER, HERBERT	2,992,391
PEREIRA, VITOR LOPES	2,992,710	POLYAK, FELIX	2,985,502	RADIO FLYER INC.	2,992,581
PERKINELMER CELLULAR TECHNOLOGIES		PONDER, JAMES F., JR.	2,992,753	RAGAUSKAS, ARMINAS	2,991,001
GERMANY GMBH	2,990,155	PORTASE, RADU-MARIAN	2,990,313	RAHFLED, JENS-ULRICH	2,992,386
PERKINELMER HEALTH SCIENCES, INC.	2,990,155	PORTER, AIDAN JAMES	2,992,704	RAI, SHARATH K.	2,992,892
PERLSTEIN, MY	2,990,941	PORTER, AIDAN JAMES	2,992,710	RAINES, JASON	2,992,285
PERRO, MARIO	2,992,853	PORTERO OTIN, MANUEL	2,991,586	RAINS, JACK C., JR.	2,992,590
PESCHEL, MICHAEL	2,992,160	POSCO	2,990,801	RAINS, JACK C., JR.	2,992,887
PETERSON, CHARLES GLEN	2,991,785	POTANIN, ANDREI	2,992,631	RAJ, RASHIMI KUMAR	2,992,590
PETERSON, MATTHEW	2,992,594	POWELL, DANIEL J., JR.	2,992,551	RAJ, RASHIMI KUMAR	2,992,887
PETT, MICHEL	2,991,737	POWELL, KEVIN BLAKE	2,992,921	RAJAGOPAL, KARTHIKAN	2,992,602
PETTALLOT, JOHANN	2,991,737	PRA HEALTH SCIENCES, INC.	2,990,875	RAM, RAGHAV	2,992,658
PETKUS, VYTAUTAS	2,991,001	PRABAHARAN, G.	2,992,019	RAMASWAMY, SHANKAR	2,992,518
PETROVIC, DENIS	2,992,043	PRABHAKAR, VEENA	2,991,816	RAMER, DAVID P.	2,992,590
PEYRAS-CARRATTE, JEREMIE	2,992,108	PRADES, FLORAN	2,992,385	RAMER, DAVID P.	2,992,887
PFEIFER, PETER	2,991,942	PRAKASAM, PRASHANTH		RAMMENSEE, HANS-GEORG	2,992,506
PHAN, TIEN	2,992,831	KOTTE	2,992,997	RAMMOHAN, AMRITHA	2,991,470
PHARMACEUTICAL PRODUCTIONS, INC.	2,992,923	PRATS GALINO, ALBERTO	2,992,133	RAMOS DUARTE, JOSE	
PHARMAFLUIDICS NV	2,992,062	PRENCIPE, MICHAEL	2,992,631	ALBERTO	2,986,098
PHARMAQ AS	2,992,905	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,985,203	RAMOS, LAURENCE	2,992,119
PHILIP MORRIS PRODUCTS S.A.	2,991,835	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,992,555	RANGANATHAN, SATHISH KUMAR	2,992,719
PHILLIPS, BRAD	2,990,769	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,992,717	RAO, NAGARAJA	2,992,171
PHILOGEN S.P.A.	2,992,136	PRESSLER, ERIC M.	2,992,595	RAO, SRINIVAS	2,991,789
PHILOGEN S.P.A.	2,992,366	PRESTA, LEONARD G.	2,991,799	RAPECKI, STEPHEN EDWARD	2,992,371
PICCINI, MATTHEW	2,992,831	PRESTEL, SEBASTIEN JEAN LAURENT	2,991,740	RAPECKI, STEPHEN EDWARD	2,992,372
PICCO, VINCENT	2,992,377	PREVENTICUS GMBH	2,992,508	RAPIER, BRANDON SCOTT	2,992,658
PICON RUIZ, ARTZAI	2,985,941	PRIELHOFFER, ROLAND	2,992,170	RASCH, DAVID MARK	2,992,032
PICHOITTA, ANKE	2,992,386	PRIESCHIL-GRASSAUER, EVA	2,992,352	RASCHKA, JOACHIM	2,992,798
PIERE, FRITZ, JR.	2,991,938	PRIESCHIL-GRASSAUER, EVA	2,992,376	RASKA, JASON K.	2,992,843
PIERMARTINI, PAOLO	2,991,942	PROBIODRUG AG	2,992,386	RATCLIFFE, JOHN J., JR.	2,992,314
PIERRE, FRITZ, JR.	2,991,940	PROST, FRANCOIS	2,992,667	RATTUNDE & CO GMBH	2,992,666
PINARD, EMMANUEL	2,992,889	PROVAINE	2,991,237	RATTUNDE, ULRICH	2,992,666
PINTO LOPES, JAIME RAFAEL	2,990,884	PRZYZDZIECKI, JOHN F.	2,991,576	RAU, DORIS	2,991,672
PIONEER III-BRED		PTC-INNOVATIONS, LLC	2,942,890	RAUM, TOBIAS	2,991,607
INTERNATIONAL, INC.	2,992,488	PUJOL ONOFRE, AURORA	2,991,586	RAUM, TOBIAS	2,991,672
PIROOZ, ROBERT PARVIZ	2,992,947	PULASKI, PAUL	2,991,484	RAVAIN, SERGE	2,991,274
		PURAC BIOCHEM B.V.	2,992,369	RAVITZ, RAYMOND	2,991,581
		PURAC BIOCHEM B.V.	2,992,676	RAY, MIRANDA M.	2,992,523
		PURKIS, DANIEL	2,992,690	RAYESKI, JONATHAN B.	2,992,558
		PYSTYNNEN, JARMO	2,985,400	RAYMAN, ERIKA	2,992,425
		QAMAR, MOHAMMAD	2,991,511	RAYMOND, ROBERTSON GEOFFREY	2,992,955

Index des demandes PCT entrant en phase nationale

RAYMOND, THOMAS D.	2,991,484	RICHARDS, JAMES DAVID	2,991,944	RUSO, AMY	2,992,631
RAYNER, GARY	2,992,452	RICHARDS, JAMES DAVID	2,991,948	RUTGERS, THE STATE	
RAYNESFORD, STEVEN		RICHARDS, MARK DARRIN	2,993,010	UNIVERSITY OF NEW	
JAMES	2,991,488	RICHTER, FLORIAN	2,992,146	JERSEY	2,992,580
RAYTHEON COMPANY	2,992,718	RICHTER, HANS	2,992,889	RUTT, GEORGE C.	2,992,860
RAZ, AMIR	2,992,515	RICHTER, THOMAS FABIAN	2,992,041	RUTZ, ANDREAS	2,992,659
RAZAI, AMIR S.	2,992,298	RIECHERS, JORG	2,992,503	RUVANG, JOHN A.	2,992,716
RAZOR EDGE SYSTEMS, INC.	2,992,729	RIELLO S.P.A.	2,990,138	RUVINSKIY, PAVEL	2,990,427
REACH PLASTIC INDUSTRIAL		RIGGIO, SEAN WILLIAM	2,992,553	RYAN, NEAL	2,991,606
CO., LTD.	2,991,442	RING, LEV	2,993,003	RYU, HYUNG WON	2,985,778
REAL INNOVATIONS		RING, SVEN	2,992,364	SABAN, ADAM	2,992,566
INTERNATIONAL LLC	2,991,685	RINK, KEVIN J.	2,992,727	SABLJOV, CHRISTINA M.	2,992,879
REBECK, ALICE	2,992,601	RIORDAN, MICHAEL	2,992,847	SAFRAN AIRCRAFT ENGINES	2,991,283
REBSTOCK, ANNE-SOPHIE	2,990,300	RIPERT, ANNE	2,992,664	SAFRAN AIRCRAFT ENGINES	2,991,435
REBSTOCK, ANNE-SOPHIE	2,990,411	RITTER, HELMUT	2,992,513	SAFRAN AIRCRAFT ENGINES	2,991,740
RECH, JASON C.	2,991,765	ROAN, BRADLEY	2,992,738	SAFRAN AIRCRAFT ENGINES	2,992,294
RECLUS, STEPHANE	2,991,274	ROBERSON, MARK W.	2,989,302	SAFRAN AIRCRAFT ENGINES	2,992,532
REDMOND, DENNIS	2,991,304	ROBERT, CHRISTOPHIE	2,992,108	SAFRAN AIRCRAFT ENGINES	2,992,667
REGULA, JOERG THOMAS	2,992,853	ROBERTS, ANN	2,987,417	SAFRAN CERAMICS	2,990,173
REHWINKEL, HARTMUT	2,992,960	ROBERTS, JONATHAN	2,991,751	SAFRAN HELICOPTER	
REIME, GERD	2,992,944	ROBERTS, TYLER	2,990,010	ENGINES	2,992,068
REINHOLD, PHILIP	2,993,006	ROBINSON, TIMOTHY MARK	2,991,955	SAGEDER, JOSEF	2,991,949
REIS DE ABREU, ARTUR		ROCHIL, SEBASTIAN	2,991,661	SAGI, RAN	2,992,681
CARLOS	2,985,187	ROCHA FELGUEIRAS DE		SAH, SACHIN	2,992,616
REITER, PAUL	2,990,688	SOUSA NOGUEIRA,		SAINT-AUGUSTIN CANADA	
REN, HUGANG	2,992,701	MIGUEL	2,990,884	ELECTRIC INC.	2,992,641
REN, WUXIAN	2,992,629	ROCHETEAU, PIERRE	2,992,161	SAINT-AUGUSTIN CANADA	
RENATA AG	2,992,396	RODERICK, KEVIN	2,992,730	ELECTRIC INC.	2,992,644
RENAUX, JESSICA FANNY	2,986,199	RODNEY, PAUL	2,989,106	SAINT-GOBAIN ADFORS	
RENEWABLE ENERGY		RODRIGUEZ, VAAMONDE,		CANADA, LTD.	2,992,592
DYNAMICS		SERGIO	2,985,941	SAINT-GOBAIN GLASS	
TECHNOLOGY LTD		ROGERS, DAN P.	2,992,743	FRANCE	2,992,362
(DUBLIN, IRELAND)	2,991,103	ROGERS, EVAN W.	2,992,324	SAINT-GOBAIN GLASS	
RENGGLI, URS	2,992,396	ROHM AND HAAS COMPANY	2,992,498	FRANCE	2,992,391
RENGEN, MATTHIAS	2,989,924	ROHM AND HAAS COMPANY	2,992,499	SAINT-GOBAIN GLASS	
RENN, CAROLINE	2,992,513	ROHRBERG, ROBERT	2,992,375	FRANCE	2,992,395
RESEARCH INSTITUTE AT		ROHWER, JAN	2,992,798	SAINT-GOBAIN GLASS	
NATIONWIDE		ROLLS-ROYCE PLC	2,990,751	FRANCE	2,992,398
CHILDREN'S HOSPITAL	2,993,009	ROLS, CYRIL	2,992,148	SAITO, TOMOKAZU	2,992,808
RESTORATIVE TECHNIQUES		ROLSTON, LINDSEY R.	2,991,591	SAITOH, MORIHISA	2,985,325
LTD	2,990,746	ROMANO, ANTHONY	2,991,591	SAITOH, SHUJI	2,992,158
RESURRECCION, FERMIN P.,		RONCHI, FEDERICA	2,992,356	SAITOH, TOMOKAZU	2,992,968
JR.	2,992,478	RONEN, EITAN	2,992,681	SALAMI, OYEWOLE TAYE	2,992,137
RETIF, FRANCOIS	2,991,737	ROSEMAN, BRUCE	2,991,529	SALESSE, CHRISTIAN	2,991,804
REUL, BERNHARD	2,992,395	ROSEMOUNT INC.	2,992,990	SALLET, LUDOVIC	2,992,108
REUL, REGINA	2,992,722	ROSEN, BARABARA ANN		SALMI, PEKKA	2,992,166
REUTER, DIRK	2,992,375	MARIE	2,992,488	SAMAJDAR, SUSANTA	2,992,406
REYES, KATRINA SAN		ROSENZWEIG, NETA	2,991,981	SAMAJDAR, SUSANTA	2,992,408
GABRIEL	2,991,992	ROSIEWICZ, ALEXANDER	2,991,785	SAMANIEGO, ADRIAN C.	2,992,594
REYNOLDS, JOHN ROBERT	2,992,753	ROTELLA, JOHN ANTHONY	2,992,977	SAMI, REZA	2,991,754
REYTIER, MAGALI	2,992,130	ROTHBERG, JONATHAN M.	2,991,779	SAMOILA, OVIDIU CIPRIAN	2,992,879
RHEEM AUSTRALIA PTY		ROUCH, MICHAEL GRAY	2,992,955	SAMSUNG ELECTRONICS	
LIMITED	2,991,643	ROUSSET, PHILIPPE	2,991,816	CO., LTD.	2,985,167
RHEINLANDER, NORBERT	2,991,806	ROWE, COURTNEY	2,992,977	SAN MARTIN GAMBOA,	
RHEINMETALL WAFFE		ROYAL BEL LEERDAMMER		RICARDO MANUEL	2,972,174
MUNITION GMBH	2,991,797	B.V.	2,992,807	SAN MARTIN GAMBOA,	
RHODIA OPERATIONS	2,991,606	RUBAL, MATTHEW P.	2,988,711	RICARDO MANUEL	2,972,175
RHODIA OPERATIONS	2,992,119	RUBINSTEIN, MICHAEL	2,992,554	SAN MARTIN, LUIS EMILIO	2,991,566
RIBEIRO DA CRUZ, PAULO		RUDOLPH, COLIN	2,991,944	SANCHEZ, BRUNO VALENTE	2,992,414
JORGE	2,990,884	RUDOLPH, COLIN	2,991,948	SANCHEZ, ARIAS, JUAN	
RIBEIRO, JULIO CESAR		RUDOLPH, MARKUS	2,992,889	ANTONIO	2,992,846
CALDERA	2,992,811	RUEGGAR, MAX O.	2,992,658	SANCHEZ, JEAN-CHARLES	2,992,343
RICCIO, LUCIUS	2,992,851	RUFFMANN, MICHAEL	2,992,050	SANDOZ AG	2,991,521
RICH, LEWIS L.	2,992,422	RUSECKAS, RIMTAUTAS	2,991,001		

Index of PCT Applications Entering the National Phase

SANDVIK INTELLECTUAL PROPERTY AB	2,991,658	SCHILLING, STEPHAN	2,992,386	SHAPIRO, RAPHAEL	2,992,596
SANKAR, RAMAN	2,992,427	SCHIRALDI, CHIARA	2,986,095	SHARMA, SANTOSH KUMAR	2,992,567
SANTACESARIA, MARK	2,991,751	SCHLAKE, THOMAS	2,992,801	SHARP KABUSHIKI KAISHA	2,992,400
SANTAMARIA, JUAN- CARLOS	2,991,581	SCHLEGEL, FRANK	2,992,375	SHARP KABUSHIKI KAISHA	2,992,689
SANTAS GUITERREZ, JONATAN	2,992,354	SCHLOTHAUER, TILMAN	2,992,853	SHARP, JUSTIN DANIEL	2,992,954
SANTOS, CATHERINE MARTIN	2,991,780	SCHLOTTERBECK SUAREZ, TRINIDAD	2,972,174	SHEALEY, JOEL B.	2,992,496
SANUWAVE, INC.	2,992,481	SCHLOTTERBECK SUAREZ, TRINIDAD	2,972,175	SHEFFELBINE, TERRI A.	2,992,727
SAPACK, MICHAEL	2,992,876	SCHMIDT, CHRISTOPH	2,992,644	SHEKH, SHAHID	2,969,052
SAPONIN RESEARCH CENTER S.A.	2,972,174	SCHMIDT, HOWARD K.	2,992,266	SHEKALIM, AVRAHAM	2,991,847
SAPONIN RESEARCH CENTER S.A.	2,972,175	SCHMIDT, KAY	2,992,172	SHELL INTERNATIONALE RESEARCH	
SARANGARAJAN, RANGAPRASAD	2,992,611	SCHMIDT, WILFRIED	2,990,306	MAATSCHAPPIJ B.V.	2,991,654
SARKAR, ARINDAM	2,986,358	SCHMIDT, WOLFGANG E.	2,992,375	SHELL SHOCK	
SARKAR, SUJAY	2,990,356	SCHMOLKE, SUSANNE	2,991,666	TECHNOLOGIES LLC	2,993,005
SASOL PERFORMANCE CHEMICALS GMBH	2,992,050	SCHMOLKE, SUSANNE	2,991,670	SIEN HONG	2,992,926
SATUN, DAVID	2,991,805	SCHMOLKE, SUSANNE	2,991,671	SIENYANG BEIYE	
SATO, YUKI	2,992,808	SCHMOLKE, SUSANNE	2,992,795	METALLURGICAL	
SAUDI ARABIAN OIL COMPANY	2,991,511	SCHMOLKE, SUSANNE	2,992,828	TECHNOLOGY CO., LTD	2,992,502
SAUDI ARABIAN OIL COMPANY	2,991,771	SCHNEIDER, HUBERT	2,991,797	SHENZHEN CIPAY	
SAUDI ARABIAN OIL COMPANY	2,992,264	SCHNEIDER, KATRIN	2,992,722	NETWORK BANK	
SAUDI ARABIAN OIL COMPANY	2,992,266	SCHNEIDER, REINHARD	2,992,345	TECHNOLOGY CO., LTD.	2,993,050
SAUNDERS, BRIAN	2,991,841	SCHNEIDER, WILLIAM AEPPLI, JR.	2,992,606	SHEPPARD, ROBERT JOHN	2,986,199
SAVAGE, BENJAMIN V.	2,992,617	SCHNEIDERMAN, EVA	2,991,792	SHER, ALEXANDER A.	2,991,816
SAVAGE, DANIEL	2,992,733	SCHOELKOPF, ROBERT J., III	2,993,006	SHERIDAN, DON	2,991,576
SAVAGE, DANIEL	2,992,735	SCHOEMER, MARTINA	2,991,802	SHERMAN, MICHAEL	2,992,747
SAVAGE, KENT V.	2,992,617	SCHOENHABER, DIETER	2,992,345	SHEYKO, SERGEY	2,992,554
SAVALIA, PURUSHOTTAM	2,993,043	SCHOENBERGER, TOBIAS	2,992,160	SHI, LIE	2,992,141
SAWAMOTO, DAISUKE	2,992,830	SCHONFELD, DORIAN	2,990,411	SHI, XIAODONG	2,992,914
SAXENA, SANJEEV	2,991,470	SCHROEDER, TIMM	2,991,817	SHILOACH, ANAT	2,992,505
SCARLATA, ANDREW FRANCIS	2,992,568	SCHUFFENHAUER, UWE	2,991,545	SHIN, IN-SIK	2,985,778
SCARLATA, ANDREW FRANCIS	2,992,572	SCHULTHEIS, BEATE	2,992,375	SHINANO, HIROKATSU	2,992,830
SCARLATA, ANDREW FRANCIS	2,992,574	SCHULTZ, NATHAN E.	2,991,489	SHINGEL, KIRILL	2,985,502
SCHABERLE, FABIO ANTONIO	2,985,187	SCHUMANN, UWE	2,992,650	SHIRE HUMAN GENETIC THERAPIES, INC.	2,985,235
SCHAEGLER, AXEL	2,992,431	SCHUNK, WOLF-HAGEN	2,992,825	SHIZUKA, MANAMI	2,992,082
SCHAEFFER-KORBYLO, LYNDSAY	2,991,917	SCHUSTER, HEIKO	2,992,506	SHIM SYSTEM SPOLKA Z OGRANICZONA	
SCHAEUBLIN, ADRIAN	2,992,926	SCHUURMAN, JANINE	2,992,380	ODPOWIEDZIALNOSCIA	2,989,301
SCHALL, GUNTHER	2,992,391	SCHWARTZ, STERMAN, ANNETTE	2,992,136	SIMUKLER, VADIM	2,992,681
SCHALLER, HERVE	2,990,727	SCHWENDENER, KLAUS	2,992,420	SHOOK, BRIAN C.	2,992,839
SCHAEERDER, ALEXANDER ALEIDA ANTONIUS	2,991,658	SCOTT, MORGAN	2,992,836	SHRIKANT, PROFUL	2,992,991
SCHIEPENS, WIM BERT GRIET	2,992,688	SCULPTED PARTNERS LLC	2,992,425	SHURMER, MATTHEW	2,992,287
SCHIER, HOWARD	2,985,126	SDG LLC	2,992,273	SHUTER, DAVID	2,990,187
SCHIERF, SABINE	2,992,050	SEB S.A.	2,991,737	SIEDEL, THOMAS	2,992,601
SCHIEUFLER, CHRISTIAN	2,992,513	SEB S.A.	2,992,535	SIEGEL, MILES GOODMAN	2,992,622
SCHEVING, REYNIR	2,992,677	SEEBER, STEFAN	2,992,853	SIEK, TADEUSZ	2,992,547
SCHIEXNAIDER, NEIL PATRICK	2,992,175	SEHON, CLARK A.	2,986,102	SIEMENS	
SCHIEXNAYDRE, ZACHARY R.	2,992,595	SELYANIN, MIKHAIL	2,985,502	AKTIENGESSELLSCHAFT	2,991,947
		SEN, DIPANJAN	2,992,599	SIENKO, RAFAL	2,989,301
		SENTILUS HOLDCO, LLC	2,993,002	SIMON, MICHAEL	2,992,722
		SERBUTOVSKY, SVTOSLAV	2,992,527	SILVA, RICHARD A.	2,992,082
		SERTECPET S.A.	2,992,387	SILVEIRA GUIMARAES, FRANCISCO	2,992,494
		SETLUR, PRADEEP	2,992,658	SILVESTRE MENDES PINTO DE MOURA, BRUNA	
		SETTELE, FLORIAN	2,991,814	GABRIELA	2,990,884
		SEVEN DEW CO., LTD.	2,989,284	SILVESTRE, RICARDO	2,986,098
		SEVER, CLINTON	2,992,596	SIMFUKWE, SANGWA	2,992,997
		SEVER, NANCY	2,992,722	SIMIONI, UGO	2,992,416
		SEYFANG, KARLHEINZ	2,992,325	SIMPSON STRONG-TIE COMPANY, INC.	2,991,744
		SHABAFROOZ, VAHID	2,992,669	SINGH, INDERJIT	2,991,751
		SHAIR, MATTHEW, D.	2,985,203	SINNOTT, M. MARY	2,991,756
		SHANG, XIANXING	2,992,317	SIRB, CRISTIAN-BOGDAN	2,990,343
		SHANXI YABAO HEALTH PRODUCTS CO., LTD.	2,992,629		

Index des demandes PCT entrant en phase nationale

SIRIMANNE, DINESH L.	2,992,569	SRINIVASAN, RAGAVAN	2,991,026	STYER, JEREMY	2,991,788
SIRIPURAPU, SRINIVAS	2,992,719	ST. JOHN, MAXIMUS G.	2,993,007	SUAU, JEAN-MARC	2,990,174
SIRONA DENTAL SYSTEMS GMBH	2,991,659	ST. JOHN, RICHARD	2,992,420	SUBBIAH, JEYAMKONDAN	2,992,516
SISSALA, HANNA	2,992,166	STABLER, ANDREAS	2,992,150	SUGANO, TAKESHI	2,992,399
SISSALA, RIITTA	2,992,166	STAEHLER, CORD FRIEDRICH	2,991,666	SUMATHY, KANDASWAMY	2,992,531
SIVEKE, JENS	2,992,375	STAEHLER, CORD FRIEDRICH	2,991,670	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,992,540
SIVER, GLEN	2,992,304	STAEHLER, CORD FRIEDRICH	2,991,671	SUN, WEIMEI	2,992,688
SIVINSKI, JEFFREY ALAN	2,992,277	STAEHLER, CORD FRIEDRICH	2,992,795	SUN, YIPENG	2,990,427
SIVINSKI, JEFFREY ALAN	2,992,281	STALDER, SEVERIN	2,992,828	SUNDERMEYER, KEN	2,992,429
SKY MEDICAL TECHNOLOGY LTD	2,990,120	STANCATO, MELISSA ROSE	2,991,659	SUNFORGE LLC	2,992,621
SKYDEX TECHNOLOGIES, INC.	2,992,744	STANCATO, NICHOLAS ANTHONY	2,992,979	SUPRASENSOR TECHNOLOGIES, LLC	2,985,357
SLADIC, JOHN S.	2,991,687	STANDARD INNOVATION CORPORATION	2,991,657	SURGIMATIX, INC.	2,992,566
SLENES, KIRK	2,992,273	STAUFFER, TIMOTHY M.	2,991,744	SUTTIN, ZACHARY B.	2,992,743
SLEPOY, ALEXANDER	2,992,681	STEFANSSON, BJARKI	2,992,821	SUYAL, NAVIN	2,991,959
SLY, LAUREL MARY	2,992,892	STEGELMANN, OLIVER	2,992,308	SUZUKI, AKIRA	2,992,405
SMALL, TODD	2,992,251	STEIGER, BERND	2,990,306	SWAIN, SANDRA MAY BERNADETTE	2,991,841
SMART MANUFACTURING TECHNOLOGY LIMITED	2,991,304	STEIGER, BERND	2,990,315	SYKORA, ALEXANDER	2,992,041
SMART PACKAGING SOLUTION (S.P.S.)	2,992,664	STEINER, ADRIAN	2,992,963	SYNAPTIVE MEDICAL (BARBADOS) INC.	2,992,163
SMART SOLUTIONS TECHNOLOGIES, S.L.	2,992,368	STEINER, GOTTFRIED	2,992,135	SYNGENTA PARTICIPATIONS AG	2,992,374
SMART WAVE TECHNOLOGIES CORP.	2,992,645	STEINMETZ, TILMAN	2,992,375	SYNGENTA PARTICIPATIONS AG	2,992,885
SMITH, CARTER EDWARD	2,990,870	STETZ, BENEDIKT	2,992,722	SYNTHETIC GENOMICS, INC.	2,992,860
SMITH, CHARLENE MARIE	2,991,629	STELTE-LUDWIG, BEATRIX	2,990,300	SZCZOTKA, DANIEL	2,992,707
SMITH, RONNIE E.	2,992,141	STELTE-LUDWIG, BEATRIX	2,990,411	SZEWCZYK, GREGORY	2,991,917
SMITH, STEPHEN ROBIN	2,992,803	STENZENBERGER, HORST	2,992,061	SZILLAT, FLORIAN	2,992,513
SMRZKA, OSKAR	2,991,544	STEPHEN, GARY	2,993,020	SZYNAL, PHILIPPE	2,992,130
SOCRA - SCIENCES ET GENIE S.E.C.	2,991,801	STEPHENNE, VINCENT	2,992,356	TABARY, NICOLAS	2,991,000
SODEYAMA, TAKUJI	2,992,541	STEPHENS, RICHARD	2,990,769	TACKETT, KENNETH N., II	2,992,725
SOHN, DONG HYUN	2,985,167	STEPHENS, SEAN EDWARD	2,992,595	TADEL, SAGUN	2,992,728
SOMMER, ANETTE	2,990,300	STETTLER, HANSRUEDI	2,992,631	TADIELLO, JEAN-PHILIPPE	2,992,626
SON, YOEN-JU	2,992,171	STETTLER, MATTHIEU	2,991,798	TADINO, VINCENT LUC ANTOINE	2,986,186
SONAE - INDUSTRIA DE REVESTIMENTOS, S.A	2,990,884	STETTLER, MATTHIEU	2,991,800	TAHERI, OMID	2,993,021
SONG, HYESEUNG	2,985,769	STEVER, RAYMOND ANDREW	2,991,585	TAHRI, ABDELLAH	2,986,326
SONNENREICH, WES	2,990,952	STILWELL, REGINALD	2,992,594	TAHRI, ABDELLAH	2,986,331
SORG, KRISTINA	2,992,492	STIMPSON, CALDEN CARROLL	2,985,357	TAIPEI MEDICAL UNIVERSITY	2,992,981
SOUALLE, FRANCIS	2,992,344	STINZENDORFER, JOACHIM	2,992,588	TAIPEI MEDICAL UNIVERSITY	2,993,022
SOUBIRANE, ALAIN	2,989,945	STOCKHAMMER, THOMAS	2,992,599	TAKAE, YASUHIKO	2,992,399
SOUCHET, HERVE	2,992,509	STOLL, THEODOR	2,992,926	TAKAHASHI, EIJI	2,992,534
SOUTH CHINA UNIVERSITY OF TECHNOLOGY	2,992,957	STRAHMAN VALVES, INC.	2,992,745	TAKEDA GMBH	2,992,796
SOUTHARD, MATTHEW JAMES	2,992,594	STRAND, SCOTT THOMAS	2,992,467	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,985,325
SOUTHWIRE COMPANY, LLC	2,990,870	STRANE, PATRICK WILLIAM	2,992,322	TAKEMOTO, SHINICHIRO	2,992,536
SOYODE-JOHNSON, AKINOLA	2,991,765	STRANE, PATRICK WILLIAM	2,992,546	TAKEMOTO, TADASHI	2,992,401
SPECTRUM BRANDS, INC.	2,992,134	STRANICK, MICHAEL A.	2,992,631	TALLARIDA, STEVEN J.	2,992,455
SPECTRUM PHARMACEUTICALS, INC.	2,992,724	STRASSER, SIEGFRIED	2,992,355	TAMANO, CALVIN	2,990,011
SPENSBERGER, BERNHARD	2,992,420	STRATAKA SYSTEMS, LLC	2,992,322	TAN, CHENGKANG	2,992,631
SPIEGEL, PETER G.	2,992,302	STRATAKA SYSTEMS, LLC	2,992,546	TANAKA, TADASHI	2,992,698
SPIKES, GARY DONALD	2,991,552	STREGE, SETH RYAN PAUL	2,992,976	TANAKA, TADAYOSHI	2,992,703
SPORER, THOMAS	2,990,891	STREIN, KLAUS	2,992,797	TANAKA, TAKAHIRO	2,985,325
SPRETER VON KREUDENSTEIN, THOMAS	2,991,799	STROBACH, DANIEL P.	2,992,843	TANAKA, TOMOYUKI	2,992,403
SPRUELL, STEPHEN LEE	2,990,870	STROHMEIER, MARTIN GEORG	2,992,803	TANAKA, YOSHIKI	2,993,039
		STROLIN, JOACHIM	2,992,670	TANG, ZHONGZHI	2,991,629
		STRUMBERG, DIRK	2,992,375	TANIGUCHI, FUMINORI	2,992,407
		STRYKER CORPORATION	2,992,453	TAPIO, JARI	2,992,928
		STUCKY, RUSSELL DEAN	2,992,622	TAPPER, JAY	2,990,187
		STUDT, NICHOLAS K.	2,991,982		
		STYER, JEREMY	2,991,769		
		STYER, JEREMY	2,991,782		
		STYER, JEREMY	2,991,787		

Index of PCT Applications Entering the National Phase

TAYLOR, ALEXANDER HARRISON	2,992,611	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,992,742	TRIUM ENVIRONMENTAL INC.	2,992,613
TAYLOR, RODNEY	2,992,172	THE UNIVERSITY OF MELBOURNE	2,987,417	TRIVEDI, DHAAVAL	2,992,882
TAYLOR, WILLIAM R.	2,992,790	THE YOKOHAMA RUBBER CO., LTD.	2,992,693	TRIVEDI, HARSH	2,991,917
TCHERNIGUIN, NICOLAS	2,992,984	THE YOKOHAMA RUBBER CO., LTD.	2,992,696	TRIVELPIECE, STEVE EDWARD	2,991,522
TEBBE, JAN	2,990,300	THERANEXUS	2,992,162	TRUJILLO, RAFAEL	2,991,992
TECHNIP FRANCE	2,992,984	THIIPAREDDI, HARSHAVARDHAN	2,992,516	TRUONG, ANH QUOC	2,992,523
TECHNOLOGICAL RESOURCES PTY. LIMITED	2,992,287	THOMA, RUDY	2,992,279	TSAL, I-MING	2,992,793
TER WIEL, MATTHIJS	2,992,061	THOMAS, ANDREW	2,991,685	TSAL, MINGLIANG LAWRENCE	2,992,975
TER WIEL, MATTHIJS	2,992,064	THOMAS, BRAD A.	2,988,711	TSINGHUA UNIVERSITY	2,992,526
TERMANINI, ZAFER	2,992,548	THOMAS, HELMUT	2,992,926	TSME, LLC	2,992,454
TERMANINI, ZAFER	2,992,582	THOMPSON, TARA	2,992,618	TSUBOI, HIDEKAZU	2,992,689
TERMANINI, ZAFER	2,992,583	THOMPSON, THOMAS FRIEND	2,992,593	TSUNOKUNI, KAZUYUKI	2,992,808
TERMANINI, ZAFER	2,992,584	THOMSON, SCOTT M.	2,992,737	TSUNOKUNI, KAZUYUKI	2,992,968
TERMANINI, ZAFER	2,992,585	THRU TUBING SOLUTIONS, INC.	2,992,712	TSUYUMINE, HIROSHI	2,989,284
TERMANINI, ZAFER	2,992,903	THUR S.R.L.	2,992,668	TURI, MARIANO	2,991,537
TESA SE	2,992,650	THURING, JOHANNES WILHELMUS JOHN F.	2,992,688	TURINA, MASSIMO	2,992,153
TESCHNER, STEFAN	2,992,530	THYSENKRUPP AG	2,992,665	TURNER, JOHN W.	2,991,982
TESCO CORPORATION	2,992,721	THYSENKRUPP INDUSTRIAL SOLUTIONS AG	2,992,665	TUSARA SOLUTIONS, LLC	2,992,516
THE ALUMINIUM LIGHTING COMPANY LTD	2,992,379	TIAN, WEI	2,991,661	TUSKER MEDICAL, INC.	2,992,523
THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA	2,992,741	TIJM, PETRUS JACOBUS ADRIANUS	2,985,568	TUSZKIEWICZ, GEORGEA.	2,992,852
THE CHEMOURS COMPANY FC, LLC	2,990,960	TIME MACHINE CAPITAL LIMITED	2,990,320	TYCO FIRE & SECURITY GMBH	2,991,488
THE CLIMATE CORPORATION	2,992,251	TIMMER, JOHN C.	2,992,298	TYCO FIRE & SECURITY GMBH	2,991,522
THE CLIMATE CORPORATION	2,992,426	TINLIN, JAMES ROBERT	2,992,114	TYSON, KERRY LOUISE	2,992,371
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,992,507	TIVERIOS, PETER G.	2,992,422	TYSON, KERRY LOUISE	2,992,372
THE LUBRIZOL CORPORATION	2,993,016	TODINI, ORESTE	2,992,311	UBAYASENA, LASANTHA CHANDANA	2,992,658
THE MCLEAN HOSPITAL CORPORATION	2,985,235	TOKU, ISAO	2,992,244	UCB BIOPHARMA SPRL	2,992,371
THE PROCTER & GAMBLE COMPANY	2,991,792	TOLEDO, GERARDO V.	2,992,860	UCB BIOPHARMA SPRL	2,992,372
THE PROCTER & GAMBLE COMPANY	2,991,992	TOLER, JASON S.	2,991,591	UEMURA, KATSUNARI	2,992,689
THE PROCTER & GAMBLE COMPANY	2,991,992	TOMIUK, STEPHEN	2,992,497	UGARTE, BAZTAN, ANA	2,992,846
THE PROCTER & GAMBLE COMPANY	2,992,031	TONG, PING	2,992,722	UHLE, CHRISTIAN	2,988,645
THE PROCTER & GAMBLE COMPANY	2,992,032	TONOKAWA, TAKASHI	2,992,968	UMANA, PABLO	2,992,797
THE PROCTER & GAMBLE COMPANY	2,992,114	TOPCON POSITIONING SYSTEMS, INC.	2,991,427	UMANA, PABLO	2,992,853
THE PROCTER & GAMBLE COMPANY	2,992,147	TOPHAM, GARETH	2,992,287	UMANA, PABLO	2,992,863
THE PROCTER & GAMBLE COMPANY	2,992,257	TOTAL RAFFINAGE CHIMIE	2,992,691	UMANA, PABLO	2,992,900
THE PROCTER & GAMBLE COMPANY	2,992,311	TOUTAIN, JEROME	2,992,899	UNDERKOFER, ABRAHAM M.	2,991,753
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,992,427	TOUZANI, OMAR	2,992,899	UNG, KEITH TRY	2,992,171
THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,992,278	TOWNSEND, LEROY	2,992,278	UNIGEN, INC.	2,991,768
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,992,551	TOYAMA CHEMICAL CO., LTD.	2,992,698	UNILEVER PLC	2,992,505
		TP THERAPEUTICS, INC.	2,992,324	UNITED PARCEL SERVICE OF AMERICA, INC.	2,991,576
		TRAFIMET GROUP S.P.A.	2,992,416	UNITHERM FOOD SYSTEMS, LLC.	2,992,448
		TRAH, STEPHAN	2,992,885	UNIVERSIDAD REY JUAN CARLOS	2,992,394
		TRAISTARU, CAMELIA	2,991,407	UNIVERSIDADE DE COIMBRA	2,985,187
		TRAN, BENJAMIN	2,992,420	UNIVERSIDADE DE SAO PAULO - USP	2,992,494
		TRAUTWEIN, MARK	2,990,411	UNIVERSIDADE DO PORTO	2,986,098
		TRIA, MARIA CELESTE RELLAMAS	2,991,780	UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL - UFRGS	2,992,494
		TRIBOULET, JEAN	2,992,591	UNIVERSITAT DE BARCELONA	2,992,133
		TRICARES	2,992,392	UNIVERSITAT DE LLEIDA	2,991,586
		TRILOGIC PHARMA LLC	2,993,012	UNIVERSITAT DE LLEIDA	2,992,639
		TRIP, ROELOF	2,992,725	UNIVERSITE DE BORDEAUX	2,991,274

Index des demandes PCT entrant en phase nationale

UNIVERSITE DE CAEN		VAN KAMPEN, WILLIAM	2,991,495	VOLP, KELLY A.	2,991,489
BASSE-NORMANDIE	2,992,899	VAN RIESEN, SASCHA	2,992,641	VONTORCIK, JOSEPH J., JR.	2,992,713
UNIVERSITE DE LILLE 1,		VAN VEGHEL, META		VONTORCIK, JR., JOSEPH J.	2,992,571
SCIENCES ET		JANNETTA	2,991,654	VORA, SHAUNAK	2,992,892
TECHNOLOGIES	2,991,000	VAN VLERKEN-YSLA, LILIAN		VOSTINARU, OLIVIU	2,992,879
UNIVERSITE DE		EMILIA	2,992,091	VOTSMEIER, CHRISTIAN	2,990,411
MONTPELLIER	2,991,574	VAN'T HUL, JASON	2,992,720	VTS SPOLKA Z	
UNIVERSITE DE		VANCAMPENHOUT, PETER	2,992,147	OGRANICZONA	
MONTPELLIER	2,992,119	VANDEPLAS, SABRINA	2,992,148	ODPOWIEDZIALNOSCIA	2,992,547
UNIVERSITE DE		VANDERBILT CHEMICALS,		VU, MINH, DIEM	2,992,797
MONTPELLIER	2,992,591	L.L.C.	2,992,312	VU, THIANG HUUY	2,991,789
UNIVERSITE DE NICE SOPHIA		VANDIEPENBOS, JEFFERY A.	2,991,591	W.L. GORE & ASSOCIATES,	
ANTIPOLIS	2,992,377	VANHIEEL, BRIAN	2,992,548	INC.	2,992,424
UNIVERSITE DE		VANHIEEL, BRIAN	2,992,582	WACLAWSKI, JOSEPH JOHN	2,992,979
TECHNOLOGIE DE		VANHIEEL, BRIAN	2,992,583	WADA, SHINJI	2,992,415
BELFORT-		VANHIEEL, BRIAN	2,992,584	WADA, YASUFUMI	2,985,325
MONTBELIARD	2,990,738	VANHIEEL, BRIAN	2,992,585	WADDELL, JEVINS LEE	2,992,613
UNIVERSITE LAVAL	2,991,804	VANHIEEL, BRIAN	2,992,903	WAECKERLE, THIERRY	2,992,271
UNIVERSITE LILLE 2 DROIT		VANSLETTE, DAVID J.	2,992,851	WAGBERG, LARS	2,990,156
ET SANTE	2,991,000	VANZANDT, KYLE	2,991,624	WAGNER, JEFFREY K.	2,991,793
UNIVERSITE PARIS		VARAFY CORPORATION	2,992,954	WAGNER, KIM	2,989,940
DESCARTES	2,992,161	VARGAS, VICTOR	2,991,754	WAGNER, PHILIPP	2,992,506
UNIVERSITE PARIS DIDEROT		VARGHESE, RONNIE	2,992,470	WAGNER, ROBERT D.	2,991,620
- PARIS 7	2,991,469	VASILENKO, VLADIMIR	2,991,752	WAGNER, SONJA	2,992,907
UNIVERSITE PIERRE ET		VASS, WILLIAM J.	2,990,735	WAGSTAFF, STEVE	2,992,803
MARIE CURIE (PARIS 6)	2,991,571	VECTURA DELIVERY		WAHHAB, AMAL	2,992,926
UNIVERSITY OF GENEVA	2,992,343	DEVICES LIMITED	2,992,956	WAL-MART STORES, INC.	2,992,573
UNIVERSITY OF PITTSBURGH		VEOLIA WATER SOLUTIONS		WAL-MART STORES, INC.	2,992,603
- OF THE		& TECHNOLOGIES		WAL-MART STORES, INC.	2,992,985
COMMONWEALTH		SUPPORT	2,992,657	WAL-MART STORES, INC.	2,993,010
SYSTEM OF HIGHER		VERHOEVEN, STIJN		WALDEMAR LINK GMBH &	
EDUCATION	2,991,912	ANTONIUS PETRUS	2,992,504	CO. KG	2,991,536
UPPERCO, JACOB L.	2,992,322	VERMEULEN, JIRI	2,991,949	WALKER, ANN LOUISE	2,986,199
UPPERCO, JACOB L.	2,992,546	VERNAY, CLARA	2,992,119	WALKER, CHRISTOPHER K.	2,992,741
UPTAKE TECHNOLOGIES,		VERRON, GUILHEM	2,992,068	WALL, JESSICA L.	2,991,765
INC.	2,990,010	VERSAGO VASCULAR		WALLIS, DAVID	2,992,287
USG INTERIORS, LLC	2,991,753	ACCESS, INC.	2,992,455	WALRAVENS, WOUTER	2,992,311
UTAMA, ROBERT HADINOTO	2,992,811	VERZIIL, DENNIS	2,991,805	WANG, HONG	2,992,526
V. MANE FILS	2,992,805	VETTERLI, HEINZ	2,991,537	WANG, JIE	2,992,526
VAGHELA, MADANSINH		VEYE, FLORENT	2,992,591	WANG, JINGBO	2,992,385
NATHUSINH	2,991,816	VIA TECHNOLOGY LTD	2,990,332	WANG, LIPING	2,992,849
VAINORAS, ALFONSAS	2,991,001	VIA TOR, JOHN ANDREW	2,991,912	WANG, PENG	2,992,629
VAISLEIB, VICTOR	2,992,681	VICENTE ROJO, ASIER	2,985,941	WANG, RUI	2,992,498
VALERO, MARIA LUIS	2,992,958	VICKERS, JEFF	2,992,738	WANG, SHOUMING	2,985,400
VALJAKKA, LAURI	2,992,928	VIDAL LANCIS, JOSE MARIA	2,992,369	WANG, TAO	2,992,499
VAN 'T HOFF, MARTINES		VIDAL LANCIS, JOSE MARIA	2,992,676	WANG, WEIZHEN	2,992,483
TEODOOR	2,985,568	VIELLEVOYE, MARCEL	2,992,688	WANG, XUEJUN	2,992,720
VAN BOCHOVE, GERARD		VIEWRAY TECHNOLOGIES,		WANG, YANPENG	2,992,799
HENDRIK	2,992,676	INC.	2,992,992	WANG, YAOWU	2,992,502
VAN BREUGEL, JAN	2,992,369	VIGGIANO, ANTHONY	2,993,005	WANG, YUWEI	2,992,849
VAN BREUGEL, JAN	2,992,676	VIGL, BENJAMIN	2,991,544	WARD, PETER	2,992,308
VAN DE SYPE, MICHAEL	2,992,856	VIHOTULA, MARKUS	2,992,166	WARD, THOMAS C.	2,992,979
VAN DEN BERGH, KRISTA		VITANIEMI, ISMO	2,992,166	WARE, ROY W.	2,992,278
GODELIEVE OSCAR	2,990,366	VILLAFAN ROJAS, CARLOS A.	2,992,843	WARREN, CHARLES	2,992,480
VAN DEN BRINK, EDWARD	2,991,805	VILLERET, GUILLAUME		WARREN, CHARLES	2,992,492
VAN DEN EINDEN,		ANDRE RENE	2,986,186	WASSERFALLER JUN.,	
WILHELMUS		VISA INTERNATIONAL		GEORG	2,992,587
THEODORUS		SERVICE ASSOCIATION	2,989,940	WATER PIK, INC.	2,991,620
ANTHONIUS JOHANNES	2,992,804	VISHNUDAS, VIVEK K.	2,992,611	WATSON, BROCK W.	2,992,712
VAN DER HILDEN, SIMON		VITABEAM LTD.	2,991,752	WATSON, SUSANNAH	2,990,952
PIETER	2,985,568	VITALUS NUTRITION INC.	2,992,497	WEATHERFORD	
VAN DER SCHAAF, PAUL	2,991,802	VIVANT, MARC-AUELIE	2,990,187	TECHNOLOGY	
VAN DIJKHUIZEN		VOESTEN, MARTIEN	2,992,663	HOLDINGS, LLC.	2,991,687
RADERSMA, RIEMKE	2,991,805	VOLLERT, STEPHANIE	2,992,796		

Index of PCT Applications Entering the National Phase

WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,993,003	WILSON, DAVID MATTHEW	2,986,199	YAMASAKI, MASASHI	2,985,325
WEBB, RUSSELL	2,992,172	WIMMER, ECKHARD	2,990,688	YAMASHITA, MASAKI	2,992,410
WEBER, BEAT T.	2,992,728	WINSTON, CHARLES	2,992,876	YAN, PENG	2,992,631
WEBER, ERIC	2,992,396	WINTERS, JOHN ROBERT	2,992,505	YANG, FAN	2,992,914
WEBER, ERNST	2,990,411	WISNOSKI, DAVID DUFF	2,986,102	YANG, KONGSHENG	2,991,769
WEBER, MATTHEW	2,992,656	WITTROCK, SVEN	2,990,411	YANG, KONGSHENG	2,991,782
WEERS, JEFFRY	2,992,171	WITULSKI, THOMAS	2,992,530	YANG, KONGSHENG	2,991,787
WEI, JUN-ZHI	2,992,488	WIXTROM, KARL	2,991,576	YANG, KONGSHENG	2,991,788
WEIGL, ULRICH	2,992,043	WM. WRIGLEY JR. COMPANY	2,992,732	YANG, LING	2,992,317
WEINBERG, GUY	2,992,961	WOEBCKE, STEFFEN	2,991,545	YAZDANPANAH, MAHDI	2,992,691
WEINZIERL, TINA	2,992,797	WOGRAM, MARCO PETER	2,992,381	YE, XIANGNAN	2,992,556
WEISMAN, PAUL THOMAS	2,992,031	WOLF, ACHIM	2,992,325	YEDA RESEARCH AND DEVELOPMENT CO., LTD.	2,991,981
WEISS, MATTHIAS	2,992,885	WOLF, STEFAN	2,992,685	YEH, JONATHAN	2,991,796
WELL-SENSE TECHNOLOGY LIMITED	2,992,690	WOLL, KEVIN	2,992,631	YEN, YUN	2,992,981
WELLAWAY, CHRISTOPHER ROLAND	2,986,199	WON, BETTY	2,992,631	YEN, YUN	2,993,022
WEN, YANDONG	2,992,518	WONG, MARC	2,992,420	YIMAM, MESFIN	2,991,768
WENKA, ACHIM	2,991,942	WONG, PEGGY H.	2,992,987	YING, HAIQING	2,992,849
WENSLEY, C. GLEN	2,992,141	WONG, YUNG-SING	2,992,373	YING, WENBIN	2,992,849
WENZEL, ANDREAS M.	2,985,357	WOOD, LARRY L.	2,992,429	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,984,879
WERNER, KATJA	2,992,395	WOOD, TREVOR MICHAEL	2,992,569	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,990,941
WESSELS, HENDRIKUS CHRISTINUS MARIA	2,990,768	WOODWARD, DAVID	2,992,483	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WESSER, TIM	2,992,825	WOOSTER, TIMOTHY JAMES	2,991,593	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WESTEDT, ULRICH	2,992,722	WORLEYPARSONS EUROPE LTD.	2,991,568	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WESTPHAL, CHRISTINA	2,992,825	WOZNIAK, MAXIMILIAN VINCENT	2,992,803	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WESTPHAL, PHILIPP	2,992,825	WRIGHT, MICHAEL CHRISTOPHER	2,992,719	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHEELER, JASON L.	2,992,718	WRIGHT, MICHAEL JOHN	2,992,371	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITE, GEMMA VICTORIA	2,986,102	WRIGHT, MICHAEL JOHN	2,992,372	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITE, MALCOLM	2,991,841	WU, HSU-HSIANG	2,991,566	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITE, NEIL STEPHEN	2,992,803	WU, HSU-HSIANG	2,992,436	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITEHOUSE, ROBERT STEPHEN	2,992,962	WU, SHAWN XIANG	2,991,764	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITEMAN, ROBERT	2,991,958	WU, TONGFEI	2,992,688	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITESIDES, GEORGE M.	2,992,555	WUENSCH, GUENTER	2,992,972	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WHITTEMORE, JEFFREY	2,992,723	WUENSCH, ILDIKO	2,992,972	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WI-CHARGE LTD.	2,992,681	WURTH, MICHAEL	2,989,255	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WICKENHAUSER, JOACHIM	2,992,685	WYROBEK INTERNATIONAL, INC.	2,989,441	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIEDMANN, MICHAEL	2,992,420	WYROBEK, JERZY	2,989,441	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIELAND, DIETMAR	2,992,685	XALTER, RAINER	2,992,146	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIESNER, ULRICH	2,985,126	XAVIER, IBANEZ CATALA	2,992,368	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIESNER, ULRICH B.	2,985,083	XIAO, LAN	2,992,720	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIJK-NILSEN, CHRISTER ROSS	2,992,905	XIAO, YAN	2,991,935	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WIKLUND, DAVID EUGENE	2,992,990	XIE, XIAOLIANG SUNNEY	2,992,717	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILKINSON, BRADLEY M.	2,992,034	XING, DONG	2,992,717	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILKINSON, BRUCE W.	2,992,573	XIONG, JINCHENG	2,992,259	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILKINSON, BRUCE WALTER	2,992,985	XIONG, JINCHENG	2,992,267	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILKINSON, BRUCE WALTER	2,993,010	XIONG, JINCHENG	2,992,269	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, CRAIG THOMAS	2,992,379	XIONG, WEI	2,991,484	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, ROBERT LYNN	2,992,704	XU, HONGJIANG	2,992,317	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, ROBERT LYNN	2,992,710	XU, JIANMING	2,992,498	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, SHANTE P.	2,992,141	XU, TIAN	2,991,779	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, WILLIAM R.	2,992,259	YA, BANGQIN	2,992,629	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, WILLIAM R.	2,992,267	YAB, TRACY C.	2,992,790	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, WILLIAM R.	2,992,269	YABAO PHARMACEUTICAL GROUP CO., LTD.	2,992,629	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMS, WILLIAM R.	2,992,270	YAKUNIN, ALEXANDER	2,992,794	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIAMSON, ALEXANDER	2,991,770	YALCIN, SUAYIB	2,992,375	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIS, BRADLEY THOMAS	2,992,848	YALE UNIVERSITY	2,993,006	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILLIS, KATELYN M.	2,992,298	YAMADA, SHOHEI	2,992,689	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494
WILSON, ANDERS	2,991,658	YAMANOI, DAIKI	2,992,405	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD	2,992,494

Index des demandes PCT entrant en phase nationale

ZHANG, HUI	2,992,589
ZHANG, JIANGUO	2,992,629
ZHANG, JIYUE	2,992,695
ZHANG, QINZHAO	2,992,526
ZHANG, XIANG	2,992,842
ZHANG, XIANG	2,992,914
ZHANG, YI	2,993,024
ZHANG, YI	2,993,027
ZHANG, YI	2,993,030
ZHANG, YI	2,993,032
ZHANG, YI	2,993,034
ZHANG, YI	2,993,049
ZHANG, YI	2,993,050
ZHANG, YI	2,993,051
ZHANG, YI	2,993,052
ZHANG, YI	2,993,057
ZHANG, YI	2,993,059
ZHANG, YUANPENG	2,992,724
ZHANG, ZHAORONG	2,992,110
ZHANG, ZHAORONG	2,992,152
ZHANG, ZHAORONG	2,992,157
ZHANG, ZHAORONG	2,992,159
ZHANG, ZHENGMING	2,992,141
ZHANG, ZUOYI	2,992,526
ZHAO, KUN	2,992,502
ZHAO, MIN	2,992,844
ZHAO, NA	2,992,317
ZHENG, Z. FRANK	2,992,562
ZHENG, ZOE	2,992,551
ZHOU, HUI	2,992,440
ZHOU, SHIHUI	2,992,562
ZHU, DONGHUA	2,992,722
ZHU, XIAOSHAN	2,992,537
ZHU, YAN	2,992,317
ZIGTEMA, JOHN RAYMOND	2,992,986
ZIMMER, INC.	2,991,495
ZIMMER, INC.	2,991,591
ZIMMERMANN, KATJA	2,992,364
ZIMMERMANN, KATJA	2,992,960
ZIPWALL, LLC	2,992,723
ZIRCON CORPORATION	2,992,944
ZISCHKA, MICHAEL	2,992,383
ZMUDA, JONATHAN	2,992,096
ZOETIS SERVICES LLC	2,992,892
ZOLDI, SCOTT MICHAEL	2,990,854
ZORN, LUDWIG	2,992,960
ZOSIMADIS, PETER	2,992,645
ZUARDI, ANTONIO WALDO	2,992,494
ZUERN, ROLF	2,991,545
ZURN HARVESTING GMBH & CO. KG	2,991,545
ZWARG, MADLEN	2,991,814
ZWART, ROBIN WILLEM RUDOLF	2,985,568
ZWICK, ADRIAN	2,992,853
ZYMEWORKS INC.	2,991,799

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AAGAARD, ROB	2,990,628	DADE, NIGEL	2,990,104	GUZAK, CHRISTOPHER J.	2,990,794
ABBVIE INC.	2,986,195	DAL, CHAOFENG	2,985,787	HAMLETT, ANTHONY FRANK	2,990,271
ACCENTURE GLOBAL SERVICES LIMITED	2,990,112	DAMERA, KRISHNA	2,985,787	HARDY, STEPHEN N.	2,991,228
AIRWAY LIMITED	2,988,643	DAVIS, MARK FRANKLIN	2,992,125	HARTMAN, CODY L.	2,990,642
AKBARI, ALI	2,935,148	DEFRANKS, MICHAEL S.	2,989,606	HAWKES, KIMBERLEY	2,989,635
ALBANY INTERNATIONAL CORP.	2,986,973	DEGOEY, DAVID A.	2,986,195	HERRINGTON, RONALD M.	2,989,606
ALSHIN, ALEXANDER	2,985,277	DELAND, JAMES ALBERT	2,991,830	HIDEM, STEPHEN E.	2,989,597
ALSHINA, ELENA	2,985,277	DEMASEO, VINCE N.	2,967,623	HIGH SEC LABS	2,990,923
AMAZON TECHNOLOGIES, INC.	2,990,130	DESHIPANDE, PRASHANT P.	2,985,797	HOYT, BERWYN LEE	2,988,643
ANDE CORPORATION	2,984,820	DILLE, MARK C.	2,991,828	HSIEH, YINGHSIN	2,985,787
ANTAL, BRIAN D.	2,989,560	DIMARCO, JOHN D. (DECEASED)	2,985,797	HSU, YUN-PING	2,990,628
ARNOLDY, DAVID	2,991,828	DOLBY INTERNATIONAL AB	2,988,745	HULME, GARY	2,967,623
ASTRAZENECA AB	2,985,797	DOLBY INTERNATIONAL AB	2,989,595	HUNT, GARETH	2,990,062
AZELTON, KERRY D.	2,967,623	DOLBY LABORATORIES LICENSING CORPORATION	2,992,125	HUNT, GARETH	2,990,093
BADHWAR, VINAY	2,991,641	DONNER, PAMELA L.	2,986,195	HUNTER, KATHRYN M.	2,989,597
BAILEY, AARON	2,990,271	DOW CORNING CORPORATION	2,991,834	HUTCHINSON, DOUGLAS K.	2,986,195
BARCZYK, TOMASZ	2,988,261	DOW GLOBAL TECHNOLOGIES LLC	2,991,983	ILLINOIS TOOL WORKS INC.	2,990,062
BARTELMUSS, KLAUS	2,970,087	DREAMWELL, LTD.	2,989,606	ILLINOIS TOOL WORKS INC.	2,990,093
BARTH, MARITA	2,991,834	EKSTRAND, PER	2,989,595	ILLINOIS TOOL WORKS INC.	2,990,104
BATHE, DUNCAN P.	2,991,860	EMPL, GUNTHER	2,989,856	IMAM, NASHIM	2,990,062
BENISTI, PETER S.	2,988,106	ESSELTE CORPORATION	2,992,047	IMAM, NASHIM	2,990,093
BETEBENNER, DAVID A.	2,986,195	ETEMAD, KAMRAN	2,986,418	IMAM, NASHIM	2,990,104
BETZ, BENJAMIN A.	2,990,794	EVANS, MARK	2,988,261	INFOBRIDGE PTE. LTD.	2,989,193
BIEN, JEFFREY T.	2,985,797	FACEBOOK, INC.	2,985,107	INTEL CORPORATION	2,986,418
BLACKBERRY LIMITED	2,987,728	FINDLAY, LEWIS	2,986,978	ITANI, MAJED	2,990,628
BLACKWOOD, WILLIAM	2,991,834	FLENTGE, CHARLES A.	2,986,195	IVANOVIC, RELJA	2,990,794
BORDIA, RAJENDRA KUMAR	2,991,617	FLINN, BRIAN	2,991,617	JACKSON, CHRIS B.	2,990,271
BOWMAN, GORDON GREGORY	2,987,728	FONTAINE, AARON M.	2,989,597	JIN, JINSHAN	2,985,787
BRACCO DIAGNOSTICS INC.	2,989,597	FREED, WESLEY D.	2,991,828	JOHNSON, JEFF	2,990,803
BRAMSON, STEVEN J.	2,988,106	FWU, JONG-KAE	2,986,418	JONES, BRADEN	2,992,047
BRUCHMAN, WILLIAM C.	2,990,642	GABRIEL, RON	2,991,855	JORGENSEN, ROBERT JAMES	2,991,983
CARLSSON, PONTUS	2,988,745	GARG, PANKAJ	2,989,780	JOSEPH, CARROLL E.	2,989,560
CAUSSE, BRIAN	2,992,047	GELBACH, JANET L.	2,989,597	K-FEE SYSTEM GMBH	2,989,856
CFPH, L.L.C.	2,986,978	GENZYME CORPORATION	2,985,117	KAN, CHUEK WAI	2,984,820
CHALTIEL, VICTOR M. G.	2,988,106	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,985,787	KANTOR, PHILIP	2,988,106
CHATOT, OLIVIER	2,985,107	GILBERT, ANDREW C. (DECEASED)	2,986,978	KAPUR, MRIDULA	2,991,983
CHATTERJEE, DEBDEEP	2,986,418	GILMOUR, SEAN	2,990,803	KARLSSON, JONAS	2,986,973
CHAUDHARY, ARPANA S.	2,985,787	GINSBERG, PHILIP M.	2,986,978	KATI, WARREN M.	2,986,195
CHEN, WEIXUAN	2,985,787	GLADNEY, RICHARD F.	2,989,606	KESTERSON, MATTHEW GREGORY	2,991,830
CHOI, SANG	2,990,271	GLEW, CHARLES A.	2,990,358	KLAAS, PETER	2,973,204
CHRISTENSEN, DAVID	2,991,860	GOODFELLOW, ANDREW	2,992,047	KLASSEN, GERHARD DIETRICH	2,987,728
CHRISTIAN, RYAN	2,967,623	GOUGOUTAS, JACK Z.	2,985,797	KLAUS, JOHN	2,991,860
CHUNG, HOI KAN	2,990,062	GRIGGS, BILLY JOE, JR.	2,991,517	KRISHNAN-CHITTUR, RAMASWAMY	2,990,794
CHUNG, HOI KAN	2,990,093	GROSSO, JOHN ANTHONY	2,985,797	KRUEGER, ALLAN C.	2,986,195
CHUNG, HOI KAN	2,990,104	GUILDLINE INSTRUMENTS LIMITED	2,988,261	LA VIT TECHNOLOGY LLC	2,991,233
CLEERICI, VITTORIO	2,991,834	GUPTA, AJAY	2,990,628	LAI, CHIAJEN	2,985,797
CONRAD, WAYNE ERNEST	2,989,935			LAM, HEUNG CHUAN	2,984,820
CRANE, BRIAN	2,967,623			LANGENFELD, ALEXANDER	2,985,107
CUI, JIANMEI	2,985,787			LAVERACK, JOHN R.	2,991,233
DADE, NIGEL	2,990,062			LAWLER, RONALD PORTER	2,968,171
DADE, NIGEL	2,990,093			LEARN, ANGELA E.	2,973,665

**Index des demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

LEE, COLLIN	2,990,628	SACCO, DIANNE E.	2,985,117
I.G. ELECTRONICS INC.	2,989,204	SAMSUNG ELECTRONICS	
LI, XIA	2,991,389	CO., LTD.	2,985,277
LIU, DACHUN	2,986,195	SCHNEIDER, STEVEN E.	2,989,635
LO FARO, GIAN MATTEO	2,991,233	SCHWARZ, ALEXANDER	2,985,117
LOBINGER, HILDEGARD	2,985,797	SEIXEIRO, STEVE	2,990,803
LOMASNEY, CHRISTINA	2,991,617	SHENTU, YUANLI	2,991,233
LONGENECKER, KENTON L.	2,986,195	SIEBENS, LEVI	2,990,803
LORIO, GWEN H.	2,967,623	SINGH, JANAK	2,985,797
LUBRI-PUMP, INC.	2,991,855	SMILEY, JOHN ROBERT	2,990,130
LUTNICK, HOWARD W.	2,986,978	SMITH, ROGER	2,990,628
MALLINCKRODT HOSPITAL		SOFFER, AVIV	2,990,923
PRODUCTS IP LIMITED	2,991,860	STIELAU, MARK	2,989,635
MARING, CLARENCE J.	2,986,195	SUGARCRM INC.	2,990,628
MASCHMEYER, WILLIAM R.	2,985,107	SUH, JONG YEUL	2,989,204
MCDONALD, PATRICK M.	2,989,597	SWENSON, ROLF E.	2,989,597
MCDUGAL, W. SCOTT	2,985,117	TAI, PHANG-CHENG	2,985,787
MEDOFF, MARSHALL	2,986,394	TAN, EUGENE	2,984,820
MICHIE, WILLIAM J.	2,991,983	THE BOEING COMPANY	2,991,830
MICROSOFT TECHNOLOGY		THE CLOROX COMPANY	2,967,623
LICENSING, LLC	2,990,794	THE GENERAL HOSPITAL	
MICROSOFT TECHNOLOGY		CORPORATION	2,985,117
LICENSING, LLC	2,990,803	THYSSENKRUPP ELEVATOR	
MISRA, VISHWAS	2,990,112	CORPORATION	2,990,271
MODUMETAL LLC	2,991,617	TIMMONS, RICHARD	2,988,261
MOUNTNEY, ANDREW		TRETIKOV, LILA	2,990,628
WILLIAM	2,991,834	TRINITYRAIL MAINTENANCE	
MOURAD, SABRI	2,986,973	SERVICES, INC.	2,968,171
MOZINGO, MATTHEW PHILIP	2,968,171	TUBBS, KEN	2,990,803
MURPHY, THOMAS P.	2,987,728	TUFANO, MICHAEL D.	2,986,195
NATIONAL HEAT EXCHANGE		UNGER, JESSE A.	2,991,617
CLEANING		VAISBAND, OLEG	2,990,923
CORPORATION	2,989,560	VAN DER BOGERT, GILES	2,990,803
NIRSCHL, ALEXANDRA A.	2,985,797	VEE, ERIK N.	2,985,107
OH, SOO MI	2,989,193	VENKATARAMAN,	
OLIVER, DANIEL J.	2,990,794	SASHIKUMAR	2,989,780
OMACHRON INTELLECTUAL		VEVEO, INC.	2,989,780
PROPERTY INC.	2,989,935	VILLEMOES, LARS	2,988,745
PACE, ZACHARY	2,990,803	VILLEMOES, LARS	2,989,595
PACTIV LLC	2,973,665	VOGEL, JEAN-MARIE	2,985,117
PADDOCK, BRANDON H.	2,990,794	W. L. GORE & ASSOCIATES,	
PAPATHANASSIOU,		INC.	2,990,642
APOSTOLOS	2,986,418	WAGNER, BURKHARD	2,991,983
PEIRIS, KEITH L.	2,985,107	WAGNER, ROLF	2,986,195
PERRAS, ANDRES	2,988,261	WANG, BINGHIE	2,985,787
PRATT, JOHN K.	2,986,195	WANG, CHENCHI	2,985,797
PURNHAGEN, HEIKO	2,988,745	WEAVER, GREG G.	2,991,233
PURNHAGEN, HEIKO	2,989,595	WESEMAN, KURT R.	2,991,233
QUALCOMM INCORPORATED	2,991,389	WHITAKER, JOHN D.	2,991,617
RAJANALA, PRANAV	2,989,780	WHITNAH, THOMAS S.	2,985,107
RAMAKRISHNAN, SRIVIDYA	2,985,797	WTT HOLDING APS	2,973,204
RANDOLPH, JOHN T.	2,986,195	WU, ANDREW	2,990,628
REDHILLS TC VENTURES,		WU, JIANPING	2,935,148
LLC	2,988,106	XYLECO, INC.	2,986,394
REMEDI TECHNOLOGY		YANG, HUI	2,989,606
HOLDINGS, LLC	2,989,635	YANG, MOONOCK	2,989,193
REUBEN, RONIE	2,935,275	YANG, RONGZHEN	2,986,418
RICHM, GEORGE E.	2,991,233	YU, LIANG GANG	2,990,130
RIEBEL, PETER	2,985,797	ZODDA, JULIUS P.	2,989,597
RITTER, YING-JU	2,985,787		
ROBINSON, AARON MICHAEL	2,988,643		
ROCKWAY, TODD W.	2,986,195		
RTC INDUSTRIES, INC.	2,991,228		
S.P.M. FLOW CONTROL, INC.	2,991,828		